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ITT AEROSPACE CONTROLS

1. Final Report
Bldg. 8

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2166-06144

FINAL REPORT - BUILDING 8
ITT GENERAL CONTROLS/AEROSPACE CONTROLS FACILITY
BURBANK/GLENDALE, CALIFORNIA



August 1989

DRAFT

Prepared for:

ITT General Controls
1200 S. Flower Street
Burbank, California

Prepared by:

A. L. Burke Engineers, Inc.
1162 N. Kraemer Place
Anaheim, California

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EXECUTIVE SUMMARY

A. L. Burke Engineers, Inc. was asked by ITT General Controls Division to undertake a characterization investigation and to prepare a remediation workplan for Building 8 of their facility located at 811 Allen Avenue, Glendale, California; to define the limits of areas affected by levels of Polychlorinated Biphenyls (PCBs) which had accumulated over the years, and to reduce any concentrations of PCBs to acceptable levels. Pydraul, a hydraulic fluid containing PCBs, had been used in ITT's die-cast operations in Building 8. Over the years of operation, line ruptures, spills and other breakdowns had caused oil to be deposited on the floor, walls and overhead structures.

The characterization study, consisting of a series of five sampling programs, was begun in June, 1987 and was completed in August, 1988. Results of these sampling programs indicated the presence of PCB's in the building structure and concrete floor.

Using the sample results as a basis, a remediation workplan was prepared for decontamination and demolition of the building.

A. L. Burke Engineers, Inc. was retained by ITT to implement the remedial workplan. Specific decontamination and demolition tasks were subcontracted to Environmental Investigation and Action of Corona, California.

After completion of a training program for remediation personnel and an employee awareness program for ITT personnel, remediation was begun in November, 1988. The scope of remediation was substantially expanded because of increased disposal requirements of structural materials and the discovery of larger quarters of affected concrete and soil. Remediation was completed in June 1989, including grading and compaction of the site.

Interim and final verification samples confirmed that the concentrations of PCBs had been reduced below the action limits of 10 ug/100 cm² for surfaces and 50 mg/kg for solids. This area will be paved and converted into a parking lot as part of the plant-wide renovation being currently conducted by ITT.

1.0 INTRODUCTION

A. L. Burke Engineers, Inc. was asked by ITT General Controls Division to undertake a characterization investigation and to prepare a remediation workplan for Building 8 at their facility located at 811 Allen Avenue, Glendale, California; to define the limits of areas affected by levels of Polychlorinated Biphenyls (PCBs) which had accumulated over the years, and to reduce any concentrations of PCBs to acceptable levels.

Building 8 was one of sixteen buildings forming the ITT General and Aerospace Controls Complex. It was of metal-frame construction with a sheet-metal roof and concrete floor, and was used for foundry (die-cast) operations. Die-cast operations ceased in June, 1986, and the building was no longer used. The floors were covered with a layer of varying thickness of oil, much of which contained PCBs. There was a thin layer of oil on the walls and fixtures as the result of many years of operation. Also, PCBs had penetrated the concrete floor of the building.

This report details the results of the characterization investigation, the remediation workplan and the regulatory considerations which were incorporated into the plan, health and safety aspects of the work, a description of the decontamination and demolition procedures and modifications to the workplan made necessary by the discovery of additional affected areas as the work progressed.

2.0 DESCRIPTION OF FACILITY

The site, known as Building 8, is on the property of ITT General Controls Corporation located at 801 Allen Avenue on the border of the cities of Glendale and Burbank (Figure 1). Building 8, constructed in 1951, was used for foundry (die-cast) operations. The configuration of the property is shown in Drawing 87-07-0006-D-05 (See fold-out attached to this report.) A floor plan of Building 8 is shown in Drawing 87-07-0006-D-02 (see fold-out). This figure also shows the subsurface sample locations. The building was a metal-frame construction, with a sheet metal roof and concrete floor.

When the work began there were no existing drawings of the building structures, machine foundations (pits), sumps or underground piping. Only an old floor plan was available.

The building consisted of four main rooms with adjacent locker and restrooms. The largest room, the Machine Room, was 160 feet long by 100 feet wide. This room contained 23 machine pits, several sumps and two electrical panels. The machine pits were solid concrete, each approximately 5 to 8 feet wide and 20 feet long, and varied from 24 to 42 inches in depth. One pit was reinforced with #4 rebar; all others were not reinforced. The floor slab covered the pits, with remains of anchor bolts penetrating the slab. Many of the pits had an additional raised layer of concrete over the floor slab, making in effect, three layers of concrete with no sealant between them. During demolition, oil was discovered trapped between these layers. This oil had spread into the surrounding soil.

The depth of the pits and the successive layers of concrete was not known before demolition started. After demolition started, underground oil lines, which penetrated through the floor slab into the underlying soil, were found. These pipes connected each row of pits to a sump on the east side of the room. These lines showed evidence of rupture and other damage, as well as older repairs.

The sumps in the Machine Room varied in length but were all approximately 4 feet wide and 4 feet deep.

The Tool and Press Rooms, located on the east and north sides of the Machine Room, respectively, were both 35 feet wide and 100 feet long. Each had a small enclosed office located inside the room. Both offices had floor tile that contained asbestos which required special handling. Both rooms had a 4-inch floor slab; the Tool Room also had underground pipes and sumps.

The smallest room was the Vault Room, a 40 by 25-foot concrete structure that was built separately onto the west side of the Machine Room. Demolition of this room was not included in this project's scope of work, since the characterization results showed that only the shelving used for storage of castings was affected by PCBs.

In addition to these rooms, the building also contained a dock area, approximately 30 feet wide and 60 feet long located on the northwest corner. This dock was demolished as part of this project.

N

LOCATION



L. L. BURKE ENGINEERS, INC.
1182 NORTH KENNEDY PLACE
ANAHEIM, CALIFORNIA 92808

| | |
|---------------------------|--------------------------|
| DESIGNED G.H.M. | CHECKED J.J.D. |
| DATE 12/12/88 | DATE 12/12/88 |
| APPRO. ALBK | APPRO. CLERT |

I.T.T. GENERAL CONTROLS
801 ALLEN AVE. - GLENDALE, CA.

LOCATION MAP

| | |
|----------------------|----------------|
| SCALE NONE | CUSTOMER'S NO. |
|----------------------|----------------|

ALBK DWS. NO.
FIGURE 1

REV. NO.

3.0 PREVIOUS WORK

As noted previously, a characterization investigation was initiated in June, 1987. This program consisted of five phases of sampling, which are described below.

3.1 PHASE I

The first phase consisted of bulk, wipe and core samples taken in June and July, 1987.

These wipe samples showed significant levels of PCB. Concentrations ranged from 3200 micrograms per wipe to 1.0 micrograms per wipe. The highest concentration of PCBs detected in a wipe sample was found near pit #8. Significant levels of PCBs were also found to be present on the sections of the overhead crane being stored temporarily on the Machine Room floor.

The concrete core samples also showed widespread levels of PCBs. The samples ranged in concentrations up to 51,000 mg/kg. The presence of PCBs reached a depth of two inches to four inches. The highest concentration of PCB found in a core was found in machine pit #5. The cores from the sumps all showed PCBs with the highest concentration of 1100 ppm, found in the clarifier sumps along the south wall.

The bulk samples also showed high levels of PCBs. Concentrations ranged up to 18,000 mg/kg, with the highest concentration coming from Pit #13. It is suspected that the material taken in the bulk samples represented oxidized residues of the machine oil containing PCBs used in previous operations.

The bulk liquid sample taken from the sump outside of Building 8 showed a PCB concentration of 140 ppm.

3.2 PHASE II

The second sampling phase was conducted in September, 1987 and consisted of wipe, core and bulk samples taken from areas not previously covered.

The analytical results of the concrete core samples taken corroborated the findings of the initial investigation. However, the levels of PCBs tapered off with depth; maximum depth was approximately 5 inches. Levels ranged up to 6100 mg/kg.

The bulk samples also showed high levels of PCBs. Concentrations ranged up to 18,000 mg/kg, with the highest concentration coming from Pit #13. The bulk liquid sample taken from the sump outside of Building 8 also showed levels of PCBs with a concentration of 140 mg/kg. The soil samples showed no significant levels of PCBs.

The wipe sample results in the Vault Room shelves and on some of the overhead beams in the Machine Room, showed significant levels of PCBs; all samples in the Vault Room exceeded the EPA guidelines of 10 ug/100cm² for semi-porous indoor surfaces (40 CFR 761, Polychlorinated Biphenyl Spill Cleanup Policy, April 2, 1987). In the Machine Room, all but two of the sample equaled or exceeded the EPA limit. However, the highwall samples in the Machine Room were all below 10 ug/wipe, indicating no significant levels of PCBs.

Only two Aroclors of PCBs were found, 1248 and 1260. These differences in the type of aroclors detected are not considered significant. They most likely reflect variations in manufacturers' formulations.

3.3 PHASE III

The third sampling phase was a series of wipe samples taken on the two electrical panels located in the southwest corner of the building. One panel is a 2400 volt meter panel that services the entire plant. The second panel was a 460 volt distribution panel and was largely out of service. As part of the PCB testing program in the building, four wipe tests were taken on the surface of the two panels and on the adjacent concrete floor surface. These tests were

conducted in March, 1988 and showed levels ranging from 6500 to 1,000,000 ug/wipe.

Based on these results, additional sampling was conducted on the concrete in May, 1988 near the 2400 volt panel. The concrete surface sample showed a PCB concentration level of 60 mg/kg and the subsurface sample had a PCB concentration of 39 mg/kg.

Samples were also taken from the two electrical panels, the surrounding cabinets and the interior floor. Results indicated that both panels were affected. One panel was no longer needed and was to be removed. The other was to be cleaned and covered with a protective temporary structure.

Of the wipes from the interior of the electrical panels, only Aroclor 1254 was detected at a maximum concentration of 130 ug/wipe. Dioxin was not detected above a detection limit of 0.005 ug/wipe.

Since the recommended cleanup level by the EPA for surfaces where there will be heavy contact by human beings is 10 micrograms per wipe, both panels were considered clean. However, the concrete surface surrounding the panels had elevated levels of PCBs. This is consistent with the results of the previous wipe tests and concrete samples.

3.4 PHASE IV

The fourth phase of sampling was a series of three wipe tests and three bulk samples taken at the request of the Los Angeles County Department of Health Services on May 31, 1988.

Sampling was witnessed by two representatives from the Department; the samples were sealed by the Department before shipment to the laboratory.

3.5 PHASE V

The final phase of sampling was conducted in August, 1988. Bulk samples were taken from various locations to test for the presence of dioxins and dibenzofurans. Additional wipe samples were also taken to define further the extent of PCBs present in the building.

The locations for the grab samples of oily sludge to undergo dioxin testing were determined from the results of the original investigation. Samples were taken at the pits having the highest sludge or core concentrations of PCBs. These included Pits 1, 5, and 13. For quality control, a duplicate sample from Pit 13 was submitted. In addition, clean and dirty blank samples, labeled R & D Lab and Kingsbury, respectively, were also submitted. As indicated by the results, no evidence of these compounds was found.

The additional wipe samples were taken adjacent to the first doorway between Building 8 and 9, where a furnace was formerly stored; from the interior of the sewer line at the top of the pipe in the large sump parallel to Flower Street; and at the second doorway between Buildings 8 and 9. The same procedure was followed as described above for wipe testing. The presence of unidentified inorganic oil, most probably the silicon mold release spray used in the previous operations, caused some interferences in this set of tests. Therefore, the results, which ranged from 90 to 450 ug/wipe, may be inflated above the actual levels of PCBs present. All PCBs detected in these samples were Aroclor 1248.

In August, 1988, soil samples were also taken from borings adjacent to and underneath the sump located near the cooling tower behind Building 8. Two borings identified as BB-1 and BB-2 were drilled and sampled. BB-1 was slant drilled 4 feet from the edge of the sump to the center of the hole at a 62 degree angle and to a depth of 10'-6"; the borehole was sampled at 7 feet, 8'-6", and 10'-6". Boring BB-2 was also slant drilled the same distance from the sump as BB-1, but at an angle of 53 degrees. This borehole was completed at a depth of 6'-6", and was sampled at this point.

The samples were analyzed for polychlorinated biphenyls by EPA Method 8080. Aroclor 1248 was found at a maximum concentration of 0.082 mg/kg, indicating that there are no significant levels of PCBs present in the surrounding soils.

A complete description of the location and results of all the samples taken in these five sampling programs are contained in the "Site Characterization and Remediation Workplan" dated October, 1988.

4.0 SUMMARY OF REGULATORY CONSIDERATIONS

The U.S. Environmental Protection Agency (EPA) has generated a list of priority pollutants, including polychlorinated biphenyls (PCBs). These are chemicals which do not normally occur naturally in the environment.

PCBs are considered to be a unique problem because of their persistence in the environment, and have been singled out for special coverage under the Toxic Substances Control Act (TSCA). The Environmental Protection Agency has issued a document, Polychlorinated Biphenyl Spill Cleanup Policy (40 CFR 761), as a guideline for remediation of PCB-affected sites. It discusses standards for decontaminating various types of surfaces, and evaluates the degree of success of decontamination efforts as affected by various site conditions. For example, the effectiveness of cleanup decreases the longer spilled material is in contact with a surface, and/or the more permeable a surface. The document also relates projected risks by level of PCBs and degree of human contact based on the oncogenic properties of PCBs. A recommended standard of cleanliness for hard, semi-porous surfaces indoors is 10 ug per 100 cm². However, the document acknowledges that it may be difficult to achieve this value.

In California, the Department of Health Services (DOHS) has been designated the lead State agency for the hazardous waste management program. The California DOHS regulations (Title 22, Division 4, Chapter 30) on hazardous wastes (California Assessment Manual, or CAM) govern materials which constitute "hazardous wastes", i.e., if wastes contain constituents which exceed the State's total threshold limit concentration (TTLC) standards, the wastes are usually classified as hazardous. Thus, they are normally required to be disposed of in a Class 1 landfill site. If toxic chemicals are spilled on soils or other materials to the extent that their concentration exceeds the TTLC, the material is considered a hazardous waste under California law. The TTLC for PCBs is 50 mg/kg.

DOHS has designated the implementation of its program to the Los Angeles County Department of Health Services. This agency assumed the lead for review of and concurrence with the remediation program.

As noted above, the EPA has established a level of 10 ug per 100 cm² wiped area as an acceptable level for surfaces that will have a high potential for human contact. The decontaminated surfaces in Building 8 were not intended for continued use, but were to be disposed of as demolition debris. Nonetheless, the EPA criterion was adopted to evaluate the success of the decontamination effort. This conservative approach was followed to minimize potential risk to personnel and the general public.

5.0 HEALTH AND SAFETY ISSUES

Polychlorinated biphenyls are very stable compounds chemically, and are thus resistant to biodegradation. PCB solubility in water is very low. However, they tend to bond tightly to particulate matter, notably soils and sediments. PCBs are lipophilic compounds, which, if released into the environment and ingested by biota, accumulate in fatty tissues. They thus bioaccumulate, often increasing several orders of magnitude in concentration at each succeeding trophic level of the food chain.

Occupational exposure to PCBs at high levels has been associated with the occurrence of chloracne. The actual risk of chloracne is also a function of individual susceptibility and personal work habits, as well as possible exposure to other compounds.

Based on animal studies, the EPA and the State of California regulate PCBs as probable human carcinogens.

The risk to the public health posed by Building 8 prior to remediation was negligible. Because of the enclosed location of the PCBs, limited access to Building 8, the fact that PCBs are not volatile or soluble in water, and their inability to enter the environment, there was no danger to the public. During the cleanup of the site, the public was not exposed to PCBs, and the work was carried out only by personnel experienced in the cleanup of these materials who used suitable personnel protection equipment.

PCBs have been listed in the State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as one of the compounds known. As a listed compound, warnings must be issued to any person could come in contact with or otherwise be exposed (Section 25249.6 Health and Safety Code). All personnel involved in the decontamination and demolition of Building 8 were informed during an intensive pre-job training. All personnel were required to acknowledge the warning by signing the Health and Safety Plan prepared for this project.

Although the exposure to ITT employees was considered to be negligible, all personnel working at the location were informed about the remedial program through a series of training sessions conducted by a Certified Industrial Hygienist, as well as through written communications.

Public notice of the work was made through the State Department of Health Services. However, with the precautions taken for the remediation, the risk of any exposure off-site was insignificant.

6.0 REMEDIATION ALTERNATIVES

As confirmed by the characterization study, it appears that, over the years of the die-cast operations, oils and greases containing PCBs were released into the die-cast area. As this material accumulated, it formed a viscous, oxidized layer. A number of remediation alternatives were considered to remove or isolate this PCB-containing material so that the site could be used for other purposes:

6.1 No Action: (Abandoning the building in place). This alternative was rejected because the characterization study showed levels of PCBs above the EPA established action levels.

6.2 Encapsulation: Sealing of the floor of the building with an additional layer of concrete and decontamination of the walls and supports was considered as an alternative. This alternative was rejected, since it would only postpone the problem of removing the PCBs until the building was taken out of service under the plant renovation program.

6.3 Demolition and Disposal with No Decontamination: The feasibility of demolishing the entire structure, with no decontamination operations, and disposing of all the debris at an approved out-of-state facility was evaluated. This alternative was rejected as not being cost-effective.

6.4 Decontamination, Demolition and Disposal of Affected Debris: PCBs would be removed from the structures of the building amenable to cleaning. Those structures that would be difficult to clean, as well as any affected concrete, would be removed and disposed of at U.S. Ecology in Beatty, Nevada (USE). The remainder of the structure would be demolished and disposed of as construction debris, and the site would be restored. This alternative would remove all PCBs from the site, ensure that there had been no migration of the PCBs into the environment, and free the area for future use. It was selected as the most environmentally protective and cost-effective alternative.

7.0 PROJECT ORGANIZATION

Cindy Dowdell was ITT's contact person for the project. ITT retained the law firm of McKenna, Conner and Cuneo as project coordinators to act as intermediary between ITT, the regulatory agencies and the general contractor, A. L. Burke Engineers, Inc.

A. L. Burke was responsible for development of the Workplan, Health and Safety Plans, subcontractor training, overall supervision of the work and verification sampling.

A. L. Burke in turn hired three subcontractors to do the decontamination, demolition and hauling. Environmental Investigation and Action, Inc. was the decontamination and demolition subcontractor, AJ's Concrete Cutting was responsible for cutting and breaking up the concrete and Glendale Trucking hauled the debris and backfilled the excavation with clean soil.

The U.S. Ecology disposal site at Beatty, Nevada was selected as the disposal site.

8.0 SUMMARY OF WORKPLAN

The Workplan was based on the results of the sampling program and the configuration and condition of the building.

The site was divided into work zones by task. This allowed affected areas of the site to be isolated from the clean support area. Barriers were erected at all openings for dust containment prior to beginning the demolition.

Utility systems serving Building 8 were disconnected before demolition. This included:

- o The 2-inch natural gas line to the building was shut off, and bled down by the gas company. The line was then cut and capped.
- o Potable and utility water were shut off and the lines capped.
- o Sewer connections were capped.
- o The 460-volt panel was removed.
- o A weatherproof, dust-tight shelter was constructed around the 2400-volt panel to protect it during and after demolition.

All objects that were not fastened or bolted to the floor were removed from the Machine Room floor and segregated for decontamination or disposal. These objects were stored on 4-mil visqueen to preclude cross-contamination of the storage area. The floor was cleaned of all dirt, absorbents, glass, and metal shavings. Scrapers were used to remove heavy sludges, which were containerized for disposal. The machine foundations were scrubbed with diesel fuel and a steel wire brush to remove all sludges. The waste material produced from this operation was sent for disposal at the facility of U. S. Ecology in Beatty, Nevada (USE).

All fixtures, plumbing, electrical conduit, and any other material was not necessary for the support of the building was dismantled and removed from the roof. This material was segregated for disposal or decontamination. The following equipment was used: Pneumatic wrenches, cut-off saws, and rivet poppers. The equipment was removed from the roof in an orderly fashion and was not allowed to come in contact with the floor of the Machine Room.

The boundaries of the areas containing elevated levels of PCBs were marked using fluorescent paint. Diesel fuel was the preferred fluid for decontamination due to its high flash point. It, along with kerosene, has been recognized as an effective decontaminating agent in several EPA research projects and in actual remedial cases. Diesel fuel is preferred to kerosene for this site because of its lower toxicity to personnel performing the decontamination.

The diesel fuel was applied to the surface of non-porous materials to be cleaned using a Hudson Sprayer. The surface was scrubbed with a brush, wiped down using rags and later rinsed again in the same fashion using clean rags and diesel. All materials from this operation were drummed and sent to USE.

A temporary weather shelter was installed for the 2400-volt electrical panel since the panel could not be replaced or relocated cost-effectively prior to the disassembly of the building. The shelter was constructed around the panel to protect it from debris generated during disassembly and from the elements once the building had been removed. This structure was required since the panel's NEMA 1 construction is suitable for indoor service only and is not permitted by NFPA code to be used out-of-doors. The exterior surfaces of the electrical panel was decontaminated using diesel fuel. The affected concrete under the panels will be removed when the panel is taken out of service and removed from the site.

The floor in the Tool and Press Rooms adjacent to the Machine Room were decontaminated using diesel fuel. The floor was scrubbed with brushes and the diesel fuel was absorbed with sorbent, and the process repeated. The residues were drummed and sent for disposal at USE.

Demolition of the Machine Room floor was accomplished by concrete breakers. As noted previously, prior to the start of this phase, dust-proof barriers were erected at all openings in the building. Plastic sheeting was used during

the breaking operation to minimize the entry of particles into the work zone. The surface soils underlying the slab were also removed, along with the concrete, for disposal at the USE facility.

9.0 MODIFICATIONS TO THE WORKPLAN

The original workplan was modified as work progressed and additional PCB affected areas were found.

High winds, which required that repairs be made to the visqueen sealing the building, caused additional expense and delay during November.

Beginning in December, 1988, the concrete floor was cut into manageable pieces for removal. The removal of the concrete in the Machine Room took longer than expected. The floor slab was originally thought to be six to eight inches thick. When demolition started, it was found that the slab varied from four (4) to six (6) inches thick over much of the floor, but the concrete under each machine pit was much thicker, ranging from twenty-four (24) to forty-two (42) inches. There were twenty-three of these foundations and one of them was reinforced with No. 4 rebar. The time required to break up and remove these foundations tripled the time originally estimated. The volume of concrete was twice the original estimate and doubled the estimated disposal costs. The first load of concrete was sent to USE on December 19, 1988. By January 6, 1989, approximately 90% of the concrete in the Machine Room had been broken up and approximately 500 tons of concrete containing PCBs had been trucked to the USE.

When the concrete floor was demolished, several underground pipes containing hydraulic oil were exposed beneath the floor. These extended into the soil, and were found to be corroded or damaged, so that leakage had occurred. As a result, the soil under the concrete had been contaminated with oil. Since the oil had stained the concrete purple and the soil black, seriously affected areas could be visually identified.

A comprehensive soil sampling plan was then developed. Nineteen (19) borings were planned to a depth of five (5) feet, with samples being taken every foot. The surface and one (1) foot samples were analyzed immediately; the others were archived. If the first analysis showed detectable levels of PCBs, deeper samples were analyzed until the soil tested free of significant levels of PCBs. The volume of affected soil and the time required to remove it could not be estimated until the sampling had been completed. Borings at pits 1 through 6 in the Machine Room showed evidence of PCBs to a depth of five (5) feet. In other locations, borings and sampling to a depth of ten (10) feet were required. Boring logs are included in Appendix A and boring locations are shown on Drawing 87-07-0006-D-02.

Some of the soil samples were tested both by EPA 418.1 for the presence of total petroleum hydrocarbons and EPA 8010 for volatile organics. Petroleum hydrocarbons were found in some samples, but all were free of volatile organics.

Removal of soil near pits 13 and 16 uncovered the footers from two of the columns. One footer was displaced about six (6) inches; the other was cracked around its entire perimeter. No lateral stability remained in either of these columns and the building was obviously weakened. It was stressed to the contractor that no lateral loads were to be induced on the structure during demolition. The demolition plans provided for vertical cutting and did not allow any horizontal pulling on the structure. A detailed demolition and safety plan for removal of roof and steel structure was prepared, and after careful discussions with the contractor, the roof was cut down and the debris transported to USE.

Approximately 500 square feet of asbestos tile was removed from the floors in the offices in the Tool and Press Rooms. The interior wood and sheet metal wall separating the Tool and Press Rooms from the Machine Room was demolished. The remaining 800 feet of overhead crane was removed. Laboratory tests showed that this section of the crane had levels of PCBs exceeding 50 ug/kg. Overhead pipe, conduits, and light fixtures were removed from the Press Room. None of this material could be salvaged, and all was transported to USE.

Additional sumps were uncovered during removal of the floor slab. These sumps were included in the sump closure plan and were in turn demolished.

A closure plan for the sumps in Building 8 was submitted to the Los Angeles Department of Public Works in late December, 1988. After a period delay, the County approved the plan and the sumps were removed in April, 1988. The closure plan for the sump is found in Appendix B.

Although the characterization samples from the Tool Room showed only moderate levels of PCBs, two independent laboratories found levels in concrete cores taken during demolition which required that the floor be broken up and

disposed of as hazardous waste.

Heavy rain during February caused excessive water intrusion from a damaged exterior storm sewer adjacent to the largest sump along the Allen Street wall of the building. Demolition in this area ceased because of the danger of collapse of the wall or sidewalk. The water was pumped out and the outside seepage blocked by forming a concrete plug in the seepage area.

A series of 233 wipe, bulk and soil samples were taken during the course of the project to define the limits of the affected area and to confirm the effectiveness of the cleanup. The verification sample program determined that the Machine Room's roof and supporting structure, all of the overhead pipe and conduit in the Machine Room, and the soil under the Machine Room floor slab was affected.

Verification testing also determined that the decontamination procedures for cleaning the structural steel, overhead crane and overhead pipe were not completely effective. The oils containing PCBs had oxidized and bonded to the paint. Scrubbing the painted surfaces was insufficient; the paint itself would have to be removed. After evaluating costs, it was decided that these materials would be disposed of as affected debris at USE. This alternative presented the most conservative remedial approach.

The verification sampling revealed that the concrete in the Tool and Press Rooms was affected, but the soil underneath was not. The overhead pipe and conduit in these rooms was shown not to be affected and was disposed of as clean material.

The as-received laboratory analyses for the verification samples are found in Appendix C, the chain-of-custody forms in Appendix D.

After demolition had been completed and the soil under the Machine Room had been excavated, a pile of earth approximately 42 x 76 x 15 feet high remained in the northwest portion of the excavated area, and a small pile of debris in the northeast area. Six soil samples were taken from the piles, which showed high levels of PCBs in two areas. These areas contained the remaining concrete from the floor slab and dock areas as well as affected soil found as a result of the borings. The results of the tests are in Appendix E (Samples 8-242 through 8-247).

Two options were considered for handling the piles. The first option was to ship the areas of the pile most highly affected with PCBs to USE and to blend the rest with clean soil to achieve an overall PCB concentration of less than 50 mg/kg. The second option presented was to ship the entire pile to USE.

The first option was selected by ITT as the most cost effective. A backfill plan was prepared by ALBE to implement this option. The backfill plan called for raising the elevation of the excavated area to the level of the adjacent pavement by backfilling and compacting a series of six inch lifts. One eighth of the stockpiled soil was mixed into each lift. Each lift was then compacted to 95%. The backfill plan is found in Appendix F and the compaction report is found in Appendix G.

10.0 METHODOLOGY

A. L. Burke, Engineers, Inc. conducted an eight-hour project training session, on November 11, 1988, covering the health and safety plan, decontamination and demolition procedures. All attendees received copies of the project Health and Safety Plan. Training was conducted with specific emphasis on job procedures, safety considerations and segregation of affected from clean materials. Supervisory personnel had previously completed training equivalent to 29 CFR 1910. Training records were documented and confidentiality agreements were signed by all personnel and filed in the field office. Prior to starting work, a decontamination trailer was installed and decontamination stations were established. The building was closed to the outside with visqueen.

10.1 Decontamination Procedures

Decontamination procedures were developed for each task associated with the project. These procedures were adhered to throughout the project.

10.1.1 Decontamination of the Machine Room Floor

All objects that were not fastened or bolted to the floor were removed from the room and segregated for decontamination or disposal. These objects were staged on 4 mil visqueen to preclude cross-contamination of the staging area. The floor was swept clean of all dirt, absorbents, glass, and metal shavings. Scrapers were used to remove heavy sludges. The machine foundations (pits) required scrubbing with diesel and a steel wire brush to remove all sludges. The waste material produced from this operation was drummed, labeled and moved to the staging area.

10.1.2 Overhead Equipment Removal

All overhead fixtures, plumbing, electrical conduit, and any other material that was not necessary for the support of the building was dismantled and removed from the roof. This material was segregated for disposal or decontamination. The following equipment was used: Pneumatic wrenches, cut off saws, and rivet poppers. The equipment was removed from the roof in an orderly fashion and was prevented from contacting the floor of the Machine Room.

10.1.3 Decontamination of Wall and Structural Components

The boundaries of the walls which showed levels of PCBs above the action limit were marked using fluorescent paint. Diesel, used as the washing agent, was applied using a Hudson Sprayer and scrubbed with a brush, then wiped down using rags and then rinsed again in the same fashion using clean equipment and diesel. All materials from this operation were drummed and sent to the staging area.

Verification samples taken of the building; walls and columns indicated that decontamination was not completely successful. The oil containing PCBs had polymerized and oxidized and could not be removed by scrubbing on some of the building materials. Successful decontamination could only be achieved by removing the paint. Methods to remove the paint by sandblasting or solvent stripping were rejected because of the need for additional particulate control and the potential production of liquid waste which would create additional disposal problems. Consequently, these materials were disposed of at USE. The hazardous waste manifests for all of the materials sent to USE are found in Appendix H.

10.1.4 Floor Decontamination

The floors in the areas where oil had not penetrated the concrete were decontaminated using diesel fuel. The floor was scrubbed with brushes, and the diesel absorbed with sorbent and the process repeated. The material was then

drummed and sent to the staging area for disposal.

10.1.5 Demolition of the Electrical Panels

The exterior surfaces of the electrical panels were decontaminated using diesel fuel as a wipe solvent. The affected concrete surrounding the panel was removed, and the area resurfaced with clean concrete. However, the oxidation of the oily coating prevented effective decontamination of the panel exteriors. The 460 volt panel was scrapped and sent to USE. As noted, the 2400 volt panel was housed in a shelter and will be removed at a later date.

10.1.6 Building Demolition

The building was demolished in sections by using the boom of a CASE 780 backhoe to pull down the walls and roof. The sections were then loaded into trucks for disposal. The structural steel was also pulled down with the CASE, cut up into pieces and loaded for disposal.

10.2 SAMPLE PROCEDURES

10.2.1 Wipe Tests: Wipe tests were conducted using VOA bottles and 100 cm² lint-free cloth wipers saturated with pesticide-grade hexane. Technicians conducting the sampling used protective gloves.

Once the sample location was determined, all equipment was positioned for easy access. While wearing the protective gloves, the technician opened the VOA bottle so the cloth could be quickly sealed inside.

He soaked the cloth thoroughly with hexane and wiped the sample area in a circular motion until all of the cloth was soiled. When the wipe was complete, he rolled the cloth so that the soiled part was on the inside, inserted it in the bottle and screwed on the cap. Finally, he affixed a label on the bottle identifying the project number, sample, date and location; and placed bottle in an ice chest using blue ice as preservative.

10.2.2 Bulk Tests: The locations for the bulk samples were determined by the environmental toxicologist and field engineer prior to the start of sampling. The bulk samples were taken by using a stainless steel scraper to remove 25 to 50 grams of the viscous material. The samples were then placed in a forty millimeter glass VOA bottle, labeled and placed in a refrigerated ice chest. All of the bulk samples from Building 8 were material from the various machine pits.

10.2.3 Sump Samples: A sterile teflon bailer equipped with a long handle was used to remove a bulk liquid sample from the sumps to be sampled. Once the sample was obtained, it was transferred from the bailer into a forty milliliter glass VOA bottle. The lid was then securely fastened, and the sample bottle was labeled and placed in the refrigerated ice chest.

10.2.4 Hand Auger Sampling: The sample locations for the hand auger drilling were determined by visually inspecting the exposed soil for obvious discoloration due to the presence of oil. The 3-inch auger was manually drilled vertically to the required depth. Soil was withdrawn from the auger and put into 500 ml Qor-Pak jars, which were sealed, labeled and placed in a cooler. Boring logs were prepared for each hand auger boring.

11.0 VERIFICATION

After the surface elevation had been restored to the level of the existing pavement, eight verification soil samples were taken, samples 8-251 through 8-258. Results of seven of the samples showed levels of PCBs that were lower than 50 mg/kg; the eighth, 8-252, was higher (70 mg/kg). When these results were known, two additional samples were taken at random locations.

It should be noted that between the time of the initial eight samples and the second set of samples, the Vault Room - the restrooms from Building 8 and all of Buildings 9 and 9A had been demolished under another contract. During the course of the work, some soil from the vicinity of Building 9A and adjacent restrooms had been exposed on the surface of the northeast corner of the backfilled area.

The results of the additional samples showed one was below 50 mg/kg. However, the sample from the northeast corner showed a concentration of 80 mg/kg.

Since additional demolition debris and soil was spread over the area since the work had been completed, this result is not representative of the backfill in that area. Additional sampling should be done from the site of the restroom and Building 9A to determine if area of PCB affected soil was undetected or if an additional area requires remediation.

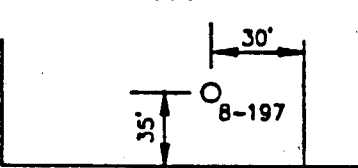
Drawing 87-07-0006-A-10 shows the locations of the verification samples and the results of the analyses are shown in Appendix I.


APPENDIX A
BORING LOGS OF DEEP SAMPLES



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

| | | | | |
|--|--|--|-----------------------|---------------------|
| LOCATION OF BORING: ITT Glendale/Burbank | | JOB NO. 87-07-0006 | CLIENT: ITT | BORING NO. 8-197 |
| LOCATION SKETCH  | | PROJECT NAME: ITT Hazardous Waste Investigation | | |
| | | DRILLING METHOD: Hand Auger | | |
| | | DRILL RIG TYPE: | | |
| | | SAMPLING METHOD: Grab Samples | | |
| | | SAMPLE STORAGE METHOD: Cooler with Blue Ice | | |
| | | WATER LEVEL | | START TIME |
| | | TIME | 8:30 | 8:30 A.M. |
| | | DATE | 1/3/89 | FINISH TIME |
| | | | | 9:55 A.M. |
| DATUM: | | ELEVATION: $\approx 508'$ | CASING DEPTH | START DATE |
| | | | | 1/3/89 |
| | | | | FINISH DATE |
| | | | | 1/3/89 |

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG | SURFACE CONDITION: Dry clayey silt | |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|--|--|--|
| | | | | | | | SOIL DESCRIPTION | |
| 197-S | | 20 | 8:30 | 0 | ML |  | Clayey silt (60% silt, 40% clay); dry; scattered coarse sand; quartz, plagioclase and some biotite visible; slightly malleable; no odor; medium brown. | |
| 197-1' | | 24 | 8:35 | 1 | CL | | Silty clay (60% clay, 40% silt); no visible sand; some biotite visible; moderately malleable; no odor; dark brown. | |
| 197-2' | | 16 | 9:40 | 2 | ML | | Clayey silt (60% silt, 40% clay); dry; scattered coarse sand; Quartz, plagioclase and biotite flakes; slightly malleable; no odor; medium brown. | |
| 197-3' | | 14 | 9:45 | 3 | CL | | Silty clay (55% clay, 40% silt, 5% sand); coarse scattered sand; granitic clasts up to 1/8" diameter; some biotite; somewhat malleable; no odor; dark brown. | |
| 197-4' | | 16 | 9:50 | 4 | ML | | Clayey silt (55% silt, 40% clay, 5% fine to medium sand); some biotite; somewhat malleable; no odor; medium to dark brown. | |
| 197-5' | | 20 | 9:55 | 5 | ML | | Same as 4' sample with isolated clasts up to 1/8" diameter. | |
| | | | | 6 | | | | |
| | | | | 7 | | | | |
| | | | | 8 | | | | |

DRILLING CONTRACTOR: A.L.B. LOGGED BY: Jeff Drew
DRILLER(S): John Robinson DATE: 1/3/89 CHECKED BY R.C.E. _____



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

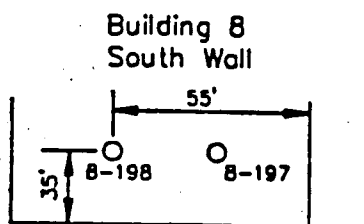
BORING NO.

8-198

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

START TIME

FINISH TIME

TIME

8:55

8:55 A.M.

9:25 A.M.

DATE

1/3/89

START DATE

FINISH DATE

1/3/89

1/3/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry, clayey, silty soil

SOIL DESCRIPTION

Clayey silt (70% silt, 25% clay, 5% coarse sand and clasts); concrete clasts of up to 1/4" diameter; granitic clasts of up to 1/8" diameter; slightly malleable; diesel or oil odor; medium brown.

Silty clay (60% clay, 30% silt, 10% medium to coarse sand); quartz, plagioclase and feldspar(?); malleable; no odor; dark brown.

Silty clay (60% clay, 35% silt, 5% granitic gravel); malleable; no odor; dark brown.

Silty clay (60% clay, 40% silt); malleable; no odor; dark brown.

Silty clay (60% clay, 37% silt, 3% pebbles); malleable; no odor; dark brown.

Silty clay (60% clay, 30% silt, 10% coarse sand and gravel); malleable; no odor; dark brown.

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 198-S | | 20 | 9:00 | 0 | ML | |
| 198-1' | | 12 | 9:05 | 1 | CL | |
| 198-2' | | 16 | 9:10 | 2 | CL | |
| 198-3' | | 12 | 9:15 | 3 | CL | |
| 198-4' | | 22 | 9:20 | 4 | CL | |
| 198-5' | | 20 | 9:25 | 5 | CL | |
| | | | | 6 | | |
| | | | | 7 | | |
| | | | | 8 | | |

DRILLING CONTRACTOR: EIA

LOGGED BY:

Jeff Drew

DRILLER(S): Ken Barnett

DATE: 1/3/89

CHECKED BY R.C.E.



ITBNC14.DWG



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

LOCATION OF BORING:

III Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

III

BORING NO.

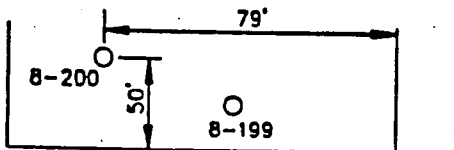
8-200

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8
South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

9:55

1/3/89

START TIME

9:55 A.M.

START DATE

1/3/89

FINISH TIME

10:20 A.M.

FINISH DATE

1/3/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Soil, clayey silt

SOIL DESCRIPTION

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 200-S | | 26 | 9:55 | 0 | ML | |
| 200-1' | | 28 | 10:00 | 1 | CL | |
| 200-2' | | 18 | 10:05 | 2 | CL | |
| 200-3' | | 20 | 10:10 | 3 | CL | |
| 200-4' | | 20 | 10:15 | 4 | CL | |
| 200-5' | | 20 | 10:20 | 5 | CL | |
| | | | | 6 | | |
| | | | | 7 | | |
| | | | | 8 | | |

Clayey silt (60% silt, 35% clay, 5% coarse sand and pebbles); dry, plagioclase, quartz, bits of concrete, one grain tinted purple; slightly malleable; mild nondescript odor; grayish brown.

Silty clay (60% clay, 35% silt, 5% medium to coarse sand); isolated granitic pebbles of up to 1/8" diameter; nondescript odor; malleable; grayish black.

Silty clay (60% clay, 40% silt); isolated clasts of up to 1" diameter; no odor, medium brown.

Silty clay (60% clay, 40% silt); nondescript odor; malleable; grayish black.

Silty clay (60% clay, 30% silt, 10% medium to coarse sand); granitic clasts up to 2" long; plagioclase and quartz; medium brown.

Silty clay (60% clay, 35% silt, <5% sand); granitic clasts up to 1/8" diameter; quartz and plagioclase; medium brown.

DRILLING CONTRACTOR: EIA

LOGGED BY:

Jeff Drew

DRILLER(S): Ken Barnett

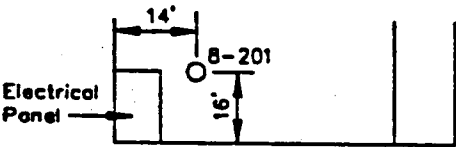
DATE: 1/3/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

| | | | | | |
|--|--|--|-----------------------|---------------------|-----------------------|
| LOCATION OF BORING: ITT Glendale/Burbank | | JOB NO. 87-07-0006 | CLIENT: ITT | BORING NO. 8-201 | |
| LOCATION SKETCH  | | PROJECT NAME: ITT Hazardous Waste Investigation | | | |
| | | DRILLING METHOD: Hand Auger | | | |
| | | DRILL RIG TYPE: | | | |
| | | SAMPLING METHOD: Grab Samples | | | |
| | | SAMPLE STORAGE METHOD: Cooler with Blue Ice | | | |
| | | WATER LEVEL | | START TIME | FINISH TIME |
| | | TIME | | 10:25 | 10:25 A.M. 10:50 A.M. |
| | | DATE | | 1/3/89 | 1/3/89 |
| DATUM: | | ELEVATION: $\approx 508'$ | | CASING DEPTH | |

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG | SURFACE CONDITION: Silty sandy soil |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|---|
| 201-S | | 32 | 10:25 | 0 | CL | | |
| 201-1' | | 12 | 10:30 | 1 | CL | | Silty, sandy clay (40% clay, 35% fine to medium-grained sand, 25% silt); quartz, feldspar and plagioclase; slightly malleable; no odor; orange to medium brown splotchy color, sandy areas are lighter. |
| 201-2' | | 20 | 10:35 | 2 | CL | | Silty clay (60% clay, 35% silt, 5% fine to medium sand); plagioclase, quartz and feldspar; malleable; no odor; dark brown with splotchy orange sandy areas. |
| 201-3' | | 10 | 10:40 | 3 | CL | | Silty clay (60% clay, 40% silt, <5% medium sand); quartz, plagioclase and feldspar; malleable; no odor; dark to medium brown. |
| 201-4' | | 12 | 10:45 | 4 | CL | | Silty clay (60% clay, 35% silt, 5% medium sand); quartz, feldspar and plagioclase; isolated granitic pebbles; no odor; dark to medium brown. |
| 201-5' | | 24 | 10:50 | 5 | CL | | Silty clay (60% clay, 40% silt, <5% medium sand); quartz, plagioclase and feldspar; malleable; no odor; dark brown. |
| | | | | 6 | CL | | Silty clay (50% clay, 50% silt); some coarse sand; quartz, plagioclase and feldspar; slightly malleable; no odor; dark brown. |
| | | | | 7 | | | |
| | | | | 8 | | | |

DRILLING CONTRACTOR: EIA LOGGED BY: Jeff Drew
DRILLER(S): Ken Barnett DATE: 1/3/89 CHECKED BY R.C.E. _____



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 2

LOCATION OF BORING:

ITT

Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

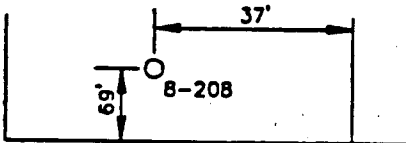
8-208

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8
South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

9:00

1/11/89

START
TIME

9:00 A.M.

FINISH
TIME

9:15 A.M.

START
DATE

1/11/89

FINISH
DATE

1/11/89

CASING DEPTH

DATUM:

ELEVATION:

≈ 508'

SURFACE CONDITION:

Silty clayey soil

SOIL DESCRIPTION

Silty clay (50% clay, 40% silt, 10% sand); dry; medium to coarse sand; quartz and plagioclase up to 1/8" diameter; medium malleability; no odor; medium to dark brown.

Silty clay (75% clay, 20% silt, <5% sand); dry; medium to high malleability; no odor; dark brown.

Silty clay (65% clay, 30% silt, 5% granitic clasts up to 1/4" diameter); biotite flakes; medium malleability; no odor; dark brown.

Silty clay (65% clay, 35% silt, <5% medium sand); quartz, plagioclase and biotite flakes; medium malleability; no odor; dark brown.

Silty clay (50% clay, 45% silt, 5% medium to coarse sand); biotite flakes; low to medium malleability; no odor; medium to dark brown.

Silty clay (50% clay, 45% silt, 5% medium to coarse sand); biotite flakes; low to medium malleability; no odor; medium to dark brown.

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|------------------|-------------------------|----------------------|------------------------|------------------|--------------|-------------|
| 208-S | | 5 | 9:00 | 0 | CL | |
| 208-1' | | 5 | 9:05 | 1 | CL | |
| 208-2' | | 18 | 9:07 | 2 | CL | |
| 208-3' | | 17 | 9:10 | 3 | CL | |
| 208-4' | | 19 | 9:12 | 4 | CL | |
| 208-5' | | 30 | 9:15 | 5 | CL | |
| | | | | 6 | | |
| | | | | 7 | | |
| | | | | 8 | | |

DRILLING CONTRACTOR: A.L.B.

LOGGED BY: Jeff Drew

DRILLER(S): Mike Torres

DATE: 1/11/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 2 of 2

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

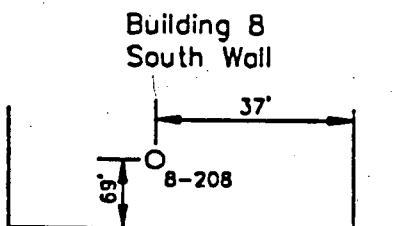
BORING NO.

8-208

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

9:30

2/28/89

START TIME

9:30 A.M.

START DATE

2/28/89

FINISH TIME

11:31 A.M.

FINISH DATE

2/28/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry clayey silt

SOIL DESCRIPTION

Clayey sandy silt (50% silt, 30% fine to coarse-grained sand, 10% clay); dry, clasts up to 1/2" diameter of granitic composition; grains of plagioclase, quartz, feldspar and biotite; low plasticity; no odor; medium brown.

Clayey sandy silt (70% silt, 20% fine to coarse sand, 10% clay); dry, grains of plagioclase, quartz, feldspar and biotite; low plasticity; no odor; medium brown.

Clayey sandy silt (70% silt, 20% fine to coarse sand, 10% clay); dry, grains of plagioclase, quartz, feldspar and biotite; low plasticity; no odor; medium brown.

Clayey sandy silt (70% silt, 20% fine to coarse sand and pebbles, 10% clay); dry, pebbles up to 1/8" diameter of granitic composition; grains of plagioclase, quartz, biotite, feldspar and possibly augite or hornblende; low plasticity; no odor; medium to light brown.

Clayey sandy silt (70% silt, 20% fine to coarse sand and pebbles, 10% clay); dry, pebbles up to 1/8" diameter of granitic composition; grains of plagioclase, quartz, biotite, feldspar and possibly augite or hornblende; low plasticity; no odor; medium to light brown.

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 208-6' | | 17 | 9:45 | 6 | ML | |
| 208-7' | | 18 | 11:20 | 7 | ML | |
| 208-8' | | 20 | 11:25 | 8 | ML | |
| 208-9' | | 18 | 11:30 | 9 | ML | |
| 208-10' | | 19 | 11:31 | 10 | ML | |
| | | | | 11 | | |
| | | | | 12 | | |
| | | | | 13 | | |
| | | | | 14 | | |

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S): John Robinson & Mike Torres

DATE: 2/28/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 2

LOCATION OF BORING:



Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:



BORING NO.

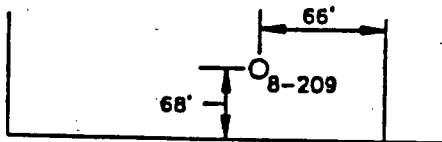
8-209

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

9:20

DATE

1/11/89

START
TIME

9:20 A.M.

FINISH
TIME

9:40 A.M.

START
DATE

1/11/89

FINISH
DATE

1/11/89

CASING DEPTH

DATUM:

ELEVATION:

≈ 508'

SURFACE CONDITION:

Dry sandy silt

SOIL DESCRIPTION

Sandy silt (60% silt, 30% sand, 5% clay); quartz, plagioclase and biotite; no odor; medium brown.

Silty clay (70% clay, 30% silt); biotite flakes; very malleable; no odor; dark brown to black.

Silty clay (70% clay, 30% silt); biotite flakes; very malleable; no odor; dark brown to black.

Silty clay (65% clay, 30% silt, 5% quartz and plagioclase sand); medium-grained sand; malleable; no odor; medium to dark brown.

Silty clay (70% clay, 30% silt); very malleable; no odor; dark brown.

Silty clay (70% clay, 30% silt); very malleable; no odor; medium brown.

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S):

Mike Torres

DATE: 1/11/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 8

SHEET 2 of 2

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

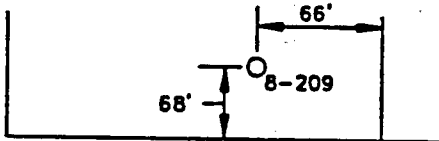
8-209

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

10:30

DATE

2/28/89

START TIME

10:30 A.M.

FINISH TIME

11:02 A.M.

START DATE

2/28/89

FINISH DATE

2/28/89

CASING DEPTH

DATUM:

ELEVATION:

≈ 508'

SURFACE CONDITION:

Dry clayey silt

SOIL DESCRIPTION

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 209-6' | | 12 | 10:45 | 6 | ML | |
| 209-7' | | 12 | 10:50 | 7 | ML | |
| 209-8' | | 16 | 10:55 | 8 | ML | |
| 209-9' | | 20 | 11:00 | 9 | ML | |
| 209-10' | | 20 | 11:02 | 10 | ML | |
| | | | | 11 | | |
| | | | | 12 | | |
| | | | | 13 | | |
| | | | | 14 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Sandy clayey silt (70% silt, 20% clay, 10% fine to coarse-grained sand); dry; grains of plagioclase, quartz and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (70% silt, 20% clay, 10% fine sand); dry; grains of plagioclase, quartz, and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (70% silt, 20% clay, 10% fine to coarse-grained sand); dry; grains of plagioclase, quartz and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (70% silt, 20% clay, 10% fine to medium-grained sand); dry; grains of plagioclase, quartz, feldspar and biotite; low plasticity; no odor; medium brown.

Sandy clayey silt (80% silt, 10% clay, 10% fine to coarse-grained sand); dry; grains of plagioclase, quartz, feldspar and biotite; low plasticity; no odor; medium brown.

ILLING CONTRACTOR: A.L.B.

LOGGED BY: Jeff Drew

DRILLER(S): John Robinson & Mike Torres

DATE: 2/28/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

LOCATION OF BORING:



Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:



BORING NO.

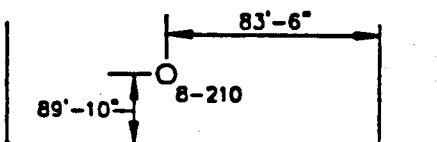
8-210

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

9:42

1/11/89

START TIME

9:42 A.M.

START DATE

1/11/89

FINISH TIME

9:57 A.M.

FINISH DATE

1/11/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Silty clayey soil

SOIL DESCRIPTION

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 210-S | | 16 | 9:42 | 0 | CL | |
| 210-1' | | 32 | 9:45 | 1 | CL | |
| 210-2' | | 20 | 9:47 | 2 | CL | |
| 210-3' | | 18 | 9:50 | 3 | CL | |
| 210-4' | | 30 | 9:53 | 4 | SM | |
| 210-5' | | 31 | 9:57 | 5 | SM | |
| | | | | 6 | | |
| | | | | 7 | | |
| | | | | 8 | | |

Silty clay (50% clay, 40% silt, 10% medium to coarse sand); dry; grains of plagioclase, quartz and biotite flakes; malleable; black with light colored specks (quartz and plagioclase).

Silty clay (75% clay, 25% silt); dry; very malleable; biotite flakes; no odor; dark brown.

Silty clay (75% clay, 25% silt); dry; very malleable; biotite flakes; no odor; dark brown.

Silty clay (65% clay, 35% silt); dry; malleable; biotite flakes visible; no odor; medium to dark brown.

Silty sand (65% fine to medium-grained sand, 25% silt, 10% coarse sand to gravel size particles); grains of quartz, plagioclase, biotite flakes and larger gravel-size pieces of granitic material; no odor; medium to dark brown.

Silty sand (65% fine to medium-grained sand, 35% silt); dry; no odor; medium to dark brown.

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S):

Mike Torres

DATE: 1/11/89

CHECKED BY R.C.E.

ITTBNG16.DWG



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 2

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

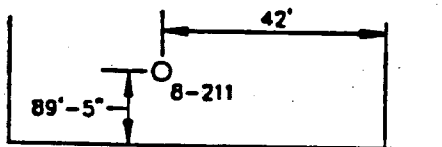
BORING NO.

8-211

PROJECT NAME: ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

10:00

DATE

1/11/89

START
TIME

10:00 A.M.

FINISH
TIME

10:15 A.M.

START
DATE

1/11/89

FINISH
DATE

1/11/89

CASING DEPTH

DATUM:

ELEVATION:

≈ 508'

SURFACE CONDITION:

Dry silty clay

SOIL DESCRIPTION

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|------------------|-------------------------|----------------------|------------------------|------------------|--------------|----------------|
| 211-S | | 24 | 10:00 | 0 | CL | |
| 211-1' | | 25 | 10:02 | 1 | CL | |
| 211-2' | | 40 | 10:05 | 2 | CL | |
| 211-3' | | 50 | 10:07 | 3 | CL | |
| 211-4' | | 45 | 10:10 | 4 | CL | |
| 211-5' | | 62 | 10:15 | 5 | CL | |
| | | | | 6 | CL | |
| | | | | 7 | CL | |
| | | | | 8 | | |

Silty clay (75% clay, 25% silt); isolated coarse grains of quartz and plagioclase; biotite flakes; highly malleable; no odor; dark brown to black.

Same as surface sample. Isolated clasts up to 1/4" diameter.

Silty clay (65% clay, 30% silt, 25 medium to coarse sand); plagioclase, quartz and biotite flakes; malleable; no odor; medium to dark brown.

Silty clay (65% clay, 30% silt, 25 medium to coarse sand); plagioclase, quartz and biotite flakes; malleable; no odor; medium to dark brown.

Silty clay (55% clay, 45% silt); biotite flakes; malleable; no odor; medium brown.

Sandy, silty clay (40% clay, 30% silt, 30% sand); quartz, plagioclase, ksp and biotite flakes; low malleability; light to medium brown.

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S): Mike Torres

DATE: 1/11/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 2 of 2

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

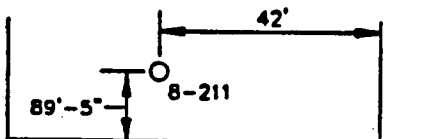
8-211

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

10:00

DATE

2/28/89

START TIME

10:00 A.M.

FINISH TIME

10:21 A.M.

START DATE

2/28/89

FINISH DATE

2/28/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry clayey silt

SOIL DESCRIPTION

Sandy clayey silt (60% silt, 25% clay, 15% fine to medium-grained sand); dry; grains of plagioclase, quartz, bitite and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (60% silt, 25% clay, 15% fine to coarse-grained sand with isolated clasts); dry; isolated clasts up to 1/4" diameter of granitic composition; grains of plagioclase, quartz, biotite and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (70% silt, 20% clay, 10% fine to medium-grained sand); dry; sand of decomposed granitic composition; grains of plagioclase, quartz, biotite and feldspar; low plasticity; no odor; medium brown.

Sandy clayey silt (85% silt, 10% clay, 5% fine-grained sand); grains of plagioclase, quartz, biotite and feldspar; low plasticity; no odor; medium to light brown.

Sandy clayey silt (85% silt, 10% clay, 5% fine-grained sand); grains of plagioclase, quartz, biotite and feldspar; low plasticity; no odor; medium to light brown.

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 211-6' | | 18 | 10:10 | 6 | ML | |
| 211-7' | | 18 | 10:15 | 7 | ML | |
| 211-8' | | 6 | 10:17 | 8 | ML | |
| 211-9' | | 15 | 10:19 | 9 | ML | |
| 211-10' | | 15 | 10:21 | 10 | ML | |
| | | | | 11 | | |
| | | | | 12 | | |
| | | | | 13 | | |
| | | | | 14 | | |

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S): John Robinson & Mike Torres

DATE: 2/28/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

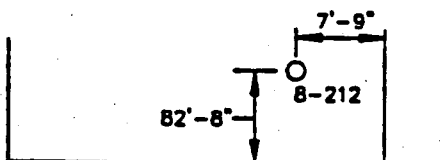
8-212

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

10:17

DATE

1/11/89

START TIME

10:17 A.M.

FINISH TIME

10:35 A.M.

START DATE

1/11/89

FINISH DATE

1/11/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Silty sandy soil

SOIL DESCRIPTION

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 212-S | | 50 | 10:17 | 0 | SM | |
| 212-1' | | 50 | 10:20 | 1 | CL | |
| 212-2' | | 45 | 10:23 | 2 | CL | |
| 212-3' | | 38 | 10:25 | 3 | CL | |
| 212-4' | | 45 | 10:30 | 4 | CL | |
| 212-5' | | 38 | 10:35 | 5 | CL | |
| | | | | 6 | CL | |
| | | | | 7 | | |
| | | | | 8 | | |

Silty sand (80% coarse sand, 20% silt); dry; grains of plagioclase, quartz, kspar and biotite flakes; not malleable; no odor; light to medium brown.

Silty clay (70% clay, 20% silt, 10% coarse sand and gravel size clasts); dry; individual clasts up to 1/8" diameter; malleable; no odor; dark brown.

Silty clay (70% clay, 25% silt, 5% coarse sand and gravel size clasts up to 1/8" diameter); very malleable; no odor; dark brown.

Silty clay (65% clay, 30% silt, 5% coarse sand); grains of plagioclase, quartz and biotite flakes; individual granitic clasts up to 1/4" diameter; no odor; medium brown.

Silty clay (65% clay, 30% silt, 5% coarse sand); grains of plagioclase, quartz and biotite flakes; individual granitic clasts up to 1/4" diameter; no odor; medium brown.

Sandy, silty clay (50% clay, 30% silt, 20% medium to coarse sand); grains of quartz, plagioclase and biotite flakes; low malleability; no odor; light to medium brown.

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S):

Mike Torres

DATE: 1/11/89

CHECKED BY R.C.E.



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 8

SHEET 1 of 1

LOCATION OF BORING:

III Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

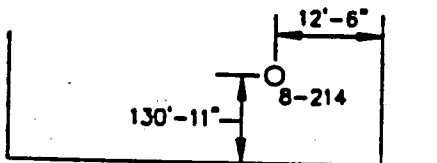
III

BORING NO.

8-214

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

10:28

1/13/89

START TIME

10:28 A.M.

START DATE

1/13/89

FINISH TIME

10:40 A.M.

FINISH DATE

1/13/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry, sandy, silty, clay

SOIL DESCRIPTION

Sandy, silty clay (50% clay, 30% silt, 20% sand); grains of plagioclase, quartz and ksp; individual granitic clasts up to 1/8" diameter; malleable; slight diesel odor; medium to dark brown.

Silty clay (60% clay, 35% silt, 5% coarse sand); grains of quartz and plagioclase; malleable; no odor, dark brown.

Silty clay (60% clay, 35% silt, 5% coarse sand); grains of quartz and plagioclase; malleable; no odor, dark brown.

Silty clay (60% clay, 35% silt, 5% coarse sand); grains of quartz and plagioclase; malleable; no odor, dark brown.

Silty clay (45% clay, 45% silt, 5% gravel-size clasts); granitic gravel; biotite flakes; no odor; medium brown.

214-S

54

10:28

214-1'

62

10:30

214-2'

66

10:33

214-3'

66

10:35

214-4'

54

10:37

214-5'

64

10:40

CL

CL

CL

CL

CL

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S): Mike Torres

DATE: 1/13/89

CHECKED BY R.C.E.

ITTBNC18.DWG



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 8

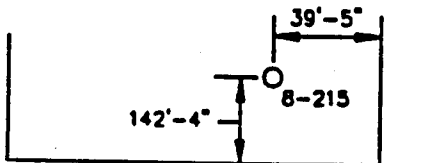
SHEET 1 of 1

LOCATION OF BORING:

ITT Glendale/Burbank

LOCATION SKETCH

Building 8 - South Wall



JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

8-215

PROJECT NAME: ITT Hazardous Waste Investigation

DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

10:42

DATE

1/13/89

START
TIME

10:42 A.M.

FINISH
TIME

10:55 A.M.

START
DATE

1/13/89

FINISH
DATE

1/13/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry, clayey, gravelly, silt

SOIL DESCRIPTION

Clayey, gravelly silt (40% silt, 40% coarse sand and gravel, 20% clay); grains of plagioclase, quartz and kspar; granitic clasts up to 1/4" diameter; not malleable; no odor; soil and most clasts pinkish-purple in color.

Silty clay (70% clay, 30% silt, less than 5% medium-grained sands); very malleable; no odor; dark brown.

Silty clay (55% clay, 35% silt, 10% medium-grained sand and clasts); grains of quartz, plagioclase, kspar and biotite flakes; individual clasts up to 3/4" diameter; no odor; medium brown.

Silty clay (55% clay, 40% silt, 5% medium-grained sand and clasts); grains of quartz, plagioclase, kspar and biotite flakes; individual clasts up to 3/4" diameter; no odor; medium brown.

Silty clay (55% clay, 35% silt, 10% medium-grained sand and clasts); grains of quartz, plagioclase, kspar and biotite flakes; individual clasts up to 3/4" diameter; no odor; medium brown.

Silty clay (50% clay, 45% silt, 5% medium-grained sand); grains of plagioclase and quartz; no odor; medium brown.

215-S

32

10:42

0

ML

215-1'

30

10:45

1

CL

215-2'

36

10:47

2

CL

215-3'

36

10:50

3

CL

215-4'

56

10:53

4

CL

215-5'

62

10:55

5

CL

DRILLING CONTRACTOR: A.L.B.

LOGGED BY:

Jeff Drew

DRILLER(S): Mike Torres

DATE: 1/13/89

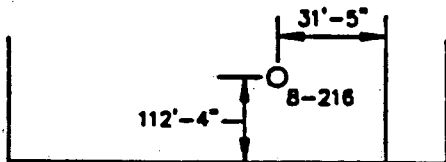

CHECKED BY R.C.E.

ITTENC18.DWG



A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

| | | | | | | | | | |
|--|----------------------|------------------|---------------------|--|-----------|--|--|------------------|--|
| LOCATION OF BORING: ITT Glendale/Burbank | | | | JOB NO. 87-07-0006 | | CLIENT: ITT | | BORING NO. 8-216 | |
| LOCATION SKETCH Building 8 - South Wall  | | | | PROJECT NAME: ITT Hazardous Waste Investigation | | | | | |
| | | | | DRILLING METHOD: Hand Auger | | | | | |
| | | | | DRILL RIG TYPE: | | | | | |
| | | | | SAMPLING METHOD: Grab Samples | | | | | |
| | | | | SAMPLE STORAGE METHOD: Cooler with Blue Ice | | | | | |
| WATER LEVEL | | | | | | START TIME | | FINISH TIME | |
| TIME | | 10:57 | | | | 10:57 A.M. | | 11:10 A.M. | |
| DATE | | 1/13/89 | | | | START DATE | | FINISH DATE | |
| | | | | | | 1/13/89 | | 1/13/89 | |
| DATUM: | | | | ELEVATION: $\approx 508'$ | | CASING DEPTH | | | |
| | | | | SURFACE CONDITION: Dry clayey silt | | | | | |
| | | | | SOIL DESCRIPTION | | | | | |
| SAMPLE NUMBER | BLOWS PER SIX INCHES | TV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG | | | |
| 216-S | | 60 | 10:57 | 0 | ML |  | | | |
| 216-1' | | 40 | 11:00 | 1 | ML | | | | |
| 216-2' | | 40 | 11:02 | 2 | ML | | | | |
| 216-3' | | 58 | 11:05 | 3 | ML | | | | |
| 216-4' | | 50 | 11:07 | 4 | ML | | | | |
| 216-5' | | 52 | 11:10 | 5 | ML | | | | |
| | | | | 6 | ML | | | | |
| | | | | 7 | ML | | | | |
| | | | | 8 | ML | Clayey silt (50% silt, 40% clay, 10% coarse sand); malleable; grains of plagioclase, quartz and biotite flakes; no odor; medium brown. | | | |
| | | | | | | Clayey silt (60% silt, 35% clay, 5% medium sand); grains of plagioclase and quartz; no odor; medium to dark brown. | | | |
| | | | | | | Clayey silt (60% silt, 35% clay, 5% medium sand); grains of plagioclase and quartz; no odor; medium to dark brown. | | | |
| | | | | | | Clayey silt (55% clay, 45% silt); biotite flakes visible; no odor; medium brown. | | | |
| | | | | | | Clayey silt (55% clay, 40% silt, 5% clasts); isolated granitic clasts up to 1/8" diameter; biotite flakes; no odor; medium brown. | | | |
| | | | | | | Clayey silt (50% clay, 45% silt, 5% coarse sand); grains of plagioclase, quartz, ksp and biotite; no odor; medium brown. | | | |

| | |
|------------------------------------|--|
| DRILLING CONTRACTOR: A.L.B. | LOGGED BY: Jeff Drew |
| DRILLER(S): Mike Torres | DATE: 1/13/89 CHECKED BY R.C.E. |



A. L. B U R K E E N G I N E E R S
1 1 6 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 8

SHEET 1 of 1

LOCATION OF BORING:

ITT Glendale/Burbank

JOB NO.

87-07-0006

CLIENT:

ITT

BORING NO.

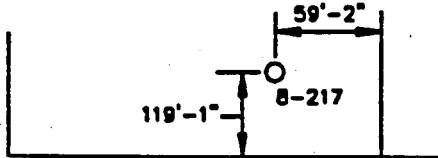
8-217

PROJECT NAME:

ITT Hazardous Waste Investigation

LOCATION SKETCH

Building 8 - South Wall



DRILLING METHOD:

Hand Auger

DRILL RIG TYPE:

SAMPLING METHOD:

Grab Samples

SAMPLE STORAGE METHOD:

Cooler with Blue Ice

WATER LEVEL

TIME

DATE

11:13

1/13/89

START TIME

11:13 A.M.

START DATE

1/13/89

FINISH TIME

11:25 A.M.

FINISH DATE

1/13/89

DATUM:

ELEVATION:

≈ 508'

CASING DEPTH

SURFACE CONDITION:

Dry silty clay

SOIL DESCRIPTION

Silty clay (45% clay, 40% silt, 15% larger clasts up to 1/2" diameter); no odor; somewhat malleable; medium to light brownish tan.

Silty clay (60% clay, 35% silt, 5% medium to coarse sand); plagioclase, quartz and biotite flakes; no odor; malleable; dark to medium brown.

Silty clay (70% clay, 30% silt); no odor; malleable; dark brown.

Silty clay (70% clay, 30% silt); isolated clasts up to 1/8" diameter; no odor; malleable; dark brown.

Silty clay (55% clay, 40% silt, 5% medium sand); no odor; malleable; medium brown.

Silty clay (55% clay, 35% silt, 10% medium sand); plagioclase, quartz and biotite; no odor; malleable; medium brown.

| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG |
|---------------|----------------------|-------------------|---------------------|---------------|-----------|-------------|
| 217-S | | 52 | 11:13 | 0 | CL | |
| 217-1' | | 50 | 11:15 | 1 | CL | |
| 217-2' | | 58 | 11:17 | 2 | CL | |
| 217-3' | | 56 | 11:20 | 3 | CL | |
| 217-4' | | 48 | 11:23 | 4 | CL | |
| 217-5' | | 56 | 11:25 | 5 | CL | |
| | | | | 6 | CL | |
| | | | | 7 | | |
| | | | | 8 | | |

DRILLING CONTRACTOR: A.L.B.

LOGGED BY: Jeff Drew

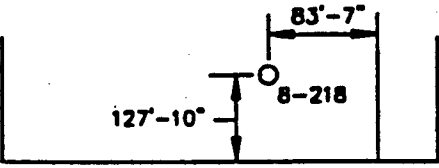









DRILLER(S): Mike Torres

DATE: 1/13/89 CHECKED BY R.C.E.

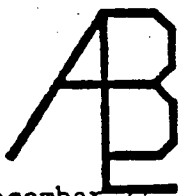


A. L. B U R K E E N G I N E E R S
1 1 8 2 N. K R A E M E R P L.
A N A H E I M, C A 9 2 8 0 6

SHEET 1 of 1

| | | | | | | | |
|---|----------------------|---|---------------------|---------------|-----------|---|---|
| LOCATION OF BORING: | | JOB NO. 87-07-0006 | | CLIENT: ITT | | BORING NO. 8-218 | |
| III Glendale/Burbank | | PROJECT NAME: ITT Hazardous Waste Investigation | | | | | |
| LOCATION SKETCH Building 8 - South Wall  | | DRILLING METHOD: Hand Auger | | | | | |
| | | DRILL RIG TYPE: | | | | | |
| | | SAMPLING METHOD: Grab Samples | | | | | |
| | | SAMPLE STORAGE METHOD: Cooler with Blue Ice | | | | | |
| DATUM: | | ELEVATION: ≈ 508' | | CASING DEPTH | | WATER LEVEL | |
| | | | | | | START TIME | |
| | | | | | | 11:37 A.M. | |
| | | | | | | FINISH TIME | |
| | | | | | | 11:50 A.M. | |
| | | | | | | START DATE | |
| | | | | | | 1/13/89 | |
| | | | | | | FINISH DATE | |
| | | | | | | 1/13/89 | |
| SURFACE CONDITION: | | Dry silty clay | | | | | |
| SOIL DESCRIPTION | | | | | | | |
| SAMPLE NUMBER | BLOWS PER SIX INCHES | TLV READING (PPM) | TIME AT NOTED DEPTH | DEPTH IN FEET | SOIL TYPE | GRAPHIC LOG | |
| 218-S | | 44 | 11:37 | 0 | CL |  | Silty clay (45% clay, 45% silt, 10% medium to coarse sand); plagioclase, quartz and biotite flakes; slight diesel odor; somewhat malleable; medium brown. |
| 218-1' | | 30 | 11:40 | 1 | CL |  | Silty clay (70% clay, 30% silt); no odor; very malleable; dark brown to black. |
| 218-2' | | 54 | 11:42 | 2 | CL |  | Silty clay (70% clay, 30% silt, <5% medium sand); plagioclase and quartz; no odor; very malleable; dark brown. |
| 218-3' | | 50 | 11:45 | 3 | CL |  | Silty clay (60% clay, 35% silt, 5% coarse sand); plagioclase and quartz; no odor; malleable; medium to dark brown. |
| 218-4' | | 55 | 11:47 | 4 | CL |  | Silty clay (65% clay, 35% silt); no odor; malleable; medium brown. |
| 218-5' | | 58 | 11:50 | 5 | CL |  | Silty clay (60% clay, 35% silt, 5% coarse sand); plagioclase and quartz; no odor; malleable; medium to dark brown. |
| | | | | 6 | CL |  | |
| | | | | 7 | CL |  | |
| | | | | 8 | CL |  | |
| DRILLING CONTRACTOR: A.L.B. LOGGED BY: Jeff Drew | | | | | | | |
| DRILLER(S): Mike Torres DATE: 1/16/89 CHECKED BY R.C.E. | | | | | | | |

APPENDIX B
SUMP CLOSURE PLANS



A. L. BURKE ENGINEERS, INC.

December 27, 1988

Los Angeles County Department of Public Works
Waste Management Division
P. O. Box 4089
Los Angeles, CA 90051

Subject: ITT General Controls
Closures for Process Sumps, Building 8

Ladies/Gentlemen:

Enclosed is the closure plan for the referenced sumps detailing the investigation, the analytical results and the closure procedures recommended.

Copies of the as-received laboratory analyses and the chain of custody forms used to track the samples from field collection to laboratory analysis form a part of the enclosure.

If you need any additional information, or if you have questions, please contact Ms. Mollie Halewijn or me at the number below.

Sincerely,

Annie Laurie Burke, P. E.
President

Enclosure

cc: C. L. Dowdel, ITT Aerospace (w/enc.)

CLOSURE OF SUMPS IN BUILDING 8

ITT GENERAL CONTROLS DIVISION

GLENDALE PLANT

DECEMBER 1988

Prepared for: ITT GENERAL CONTROLS DIVISION
811 ALLEN AVENUE
GLENDALE, CA 91502

Prepared by: A. L. BURKE ENGINEERS, INC.
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806

1.0 GENERAL

A. L. Burke Engineers, Inc. of 1162 N. Kraemer Place in Anaheim was requested by ITT General Controls to investigate three sumps inside and one sump outside Building 8: (1) to determine whether polychlorinated biphenyls (PCBs) were present in the concrete lining of the sumps and in the underlying soils.; (2) to recommend a method of closure as part of the dismantling of Building 8; and (3) to implement closure of the sumps. The size and location of each sump is shown on the accompanying drawings.

Building 8, built in 1951, was used for foundry (die-cast) operations. The building is no longer in use, die-cast operations having ceased in June, 1986. During those operations, a hydraulic oil containing PCBs was used in a closed system and recycled for reuse. When leakage occurred from hydraulic piping, some of the oil escaped onto the floor of the building and could have been washed into the sumps. Previous testing, described below, indicates that PCBs have penetrated into the upper part of the concrete lining the sumps.

A remedial action to decontaminate the building, and demolish the structure, is currently underway. The concrete floor of the building is being removed under this program. Since previous testing showed that the concrete had absorbed some of the PCB-containing oil in the upper few inches of the slab, the concrete is being treated as a hazardous waste, and is being shipped to the TSD facility of U. S. Ecology in Beatty, Nevada for disposal.

2.0 SAMPLING PROCEDURES

On June 30 and July 9, 1987, A. L. Burke personnel supervised the drilling of concrete core samples from the bottom of each of the inside sumps, and obtained a water sample from the outside sump using a teflon bailer. The concrete core samples were placed in zip-lock bags, the water was transferred to a forty milliliter glass VOA bottle, and all were placed in a refrigerated ice chest for transport to the laboratory. On August 16, 1988, two borings beneath the outside sump were made using a hand auger. Undisturbed soil samples were taken and placed in clean glass VOA bottles, stored on blue ice in a covered container, and taken to the laboratory immediately after sampling.

3.0 LABORATORY ANALYTICAL PROCEDURES

All samples were analyzed for polychlorinated biphenyls (PCBs) according to the EPA Test Methods SW-846 1982 Version. The analysis for PCBs conformed with EPA Method 8080 whereby a gas chromatograph equipped with an electron capture detector was used to detect polychlorinated biphenyls.

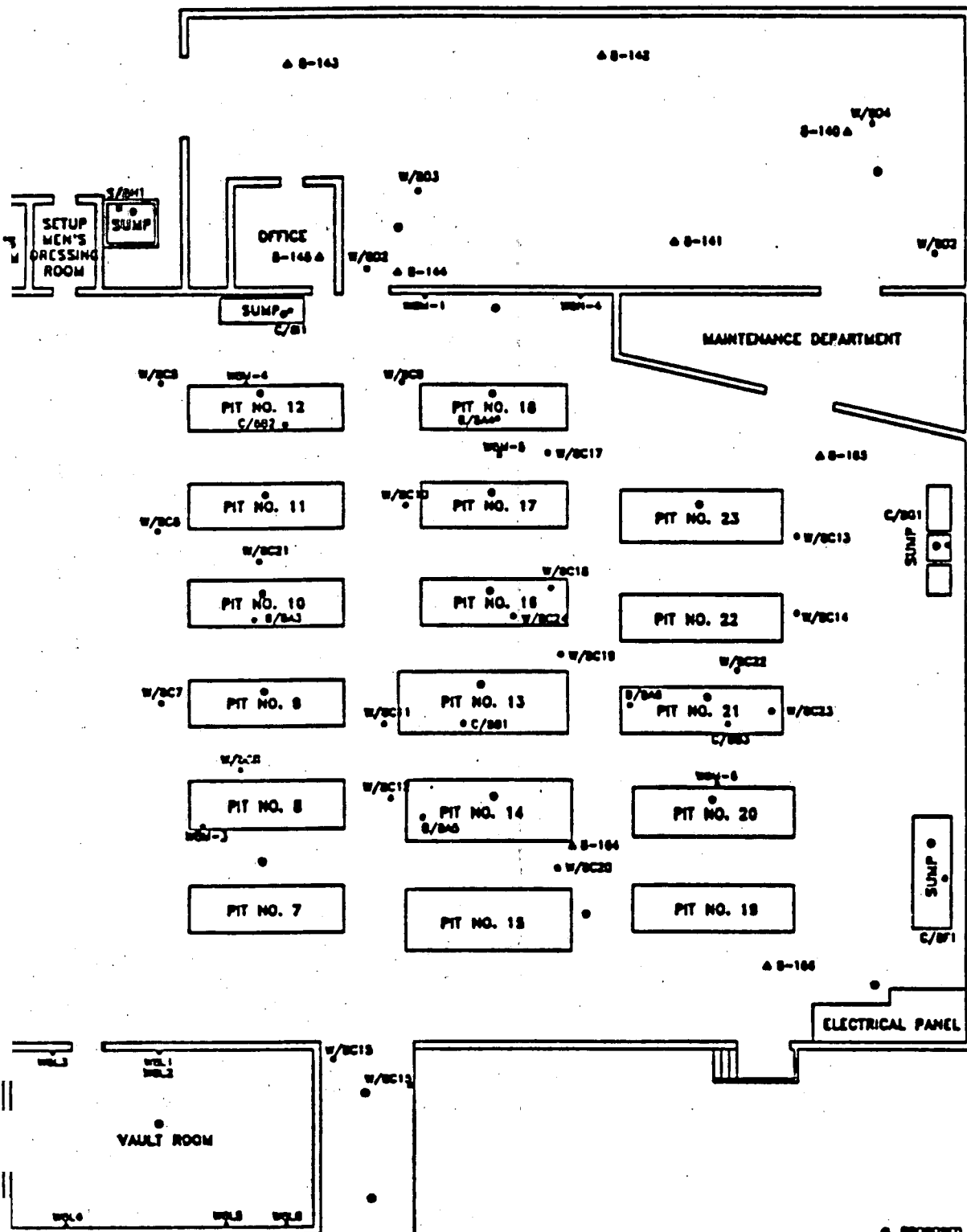
4.0 FINDINGS

PCBs were detected in all the concrete cores, and traces in the water in the outside sump. The soil samples taken beside the outside sump show that the PCBs have not migrated through the concrete lining. Maximum concentrations of PCBs found in the concrete in each inside sump were 110 mg/kg, 240 mg/kg and 1100 mg/kg; the water contained 140 mg/l. The soil samples contained small traces of PCBs. The results of laboratory analyses are attached.

5.0 CLOSURE PROCEDURES

Outside Sump. The liquid in the outside sump will be pumped out, placed in 55 gallon drums, and disposed of in accordance with State requirements. When the sump is emptied, a core of the concrete lining will be taken and analyzed for PCBs. The concrete will be removed, and, if it contains levels of PCBs, it will also be disposed of at the U. S. Ecology facility. A soil sample will be taken from beneath the sump and analyzed for PCBs. The previous borings under the sump showed no evidence of leakage. If the additional soil sampling confirms this, the excavation will then be backfilled with clean fill in 6-inch lifts and compacted to 95%. Should the soil show evidence of PCBs, the affected soil will be removed and cleanup confirmed by additional soil sampling prior to backfilling with clean material.

Inside Sumps. The concrete lining of the three inside sumps will be shipped with the concrete from the floor slab to U. S. Ecology. Soil samples will be taken from under the concrete and analyzed to ensure that the PCBs have not migrated through the concrete. If the soil shows no evidence of PCBs, as is expected based on previous testing, the sumps will be filled with clean fill in 6 inch lifts and compacted to the 95% level with the surrounding soil. If the soil shows evidence of PCBs, it will be removed, placed in drums and shipped as a hazardous material. The sump will then be filled as described above. None of the sumps will be capped with concrete at this time, as ITT intends to convert this section of the plant into a parking area. When this is done, the whole area will be graded and paved.

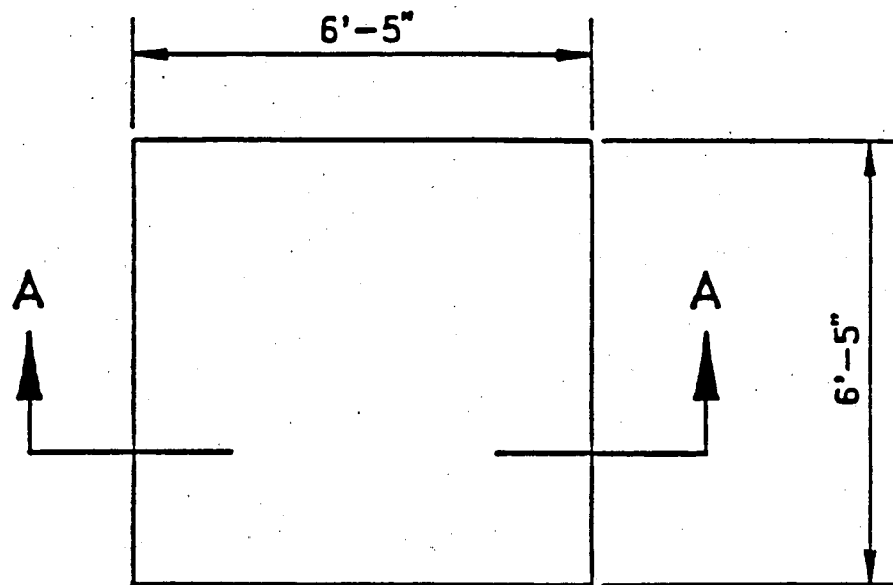


- PROPOSED SOIL SAMPLE LOCATIONS
- PREVIOUS SAMPLES
- ▲ VERIFICATION SAMPLES TAKEN AFTER 12/20/88

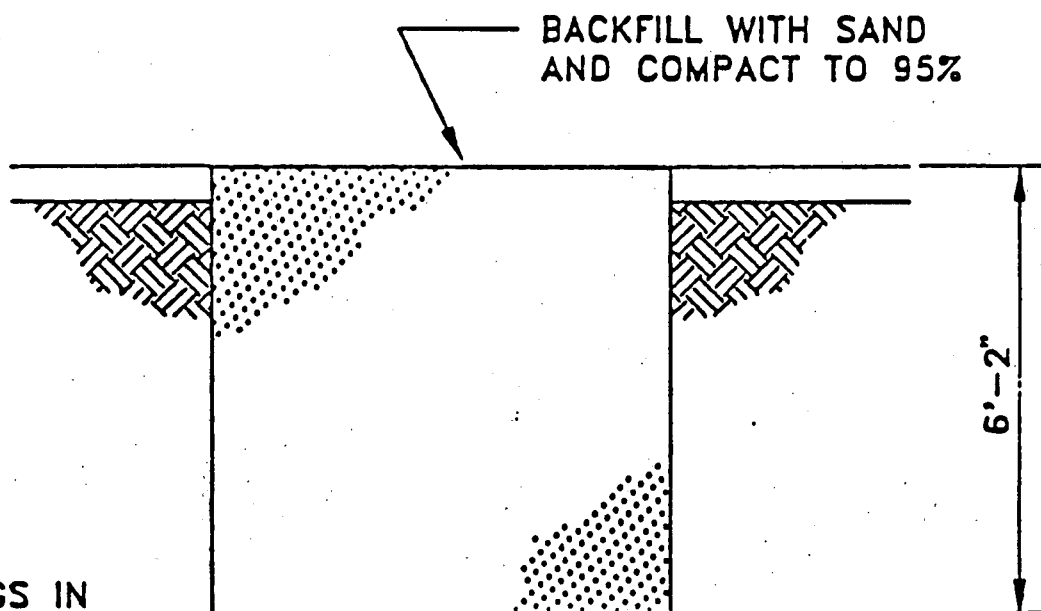
AB
A. L. BURKE ENGINEERS, INC.
 1182 NORTH KRAEMER PLACE
 ANAHEIM, CALIFORNIA 92806

| | |
|--|---|
| DESIGNED G.H.M. DATE 12-28-88 APPROVED | CHECKED M.E.H. DATE 12-28-88 APPROVED |
| SCALE NONE | CLIENT FILE NO. |

| | |
|--|----------|
| I.T.T. GENERAL CONTROLS 801 ALLEN AVE. - GLENDALE, CA. | |
| BUILDING 8 - PROPOSED SOIL SAMPLE LOCATIONS | |
| DATE FILED | FILE NO. |



PLAN



NOTE:

ANY OPENINGS IN
WALLS OF SUMP
SHALL BE PLUGGED
WITH 6" THICK
3000 PSI CONCRETE

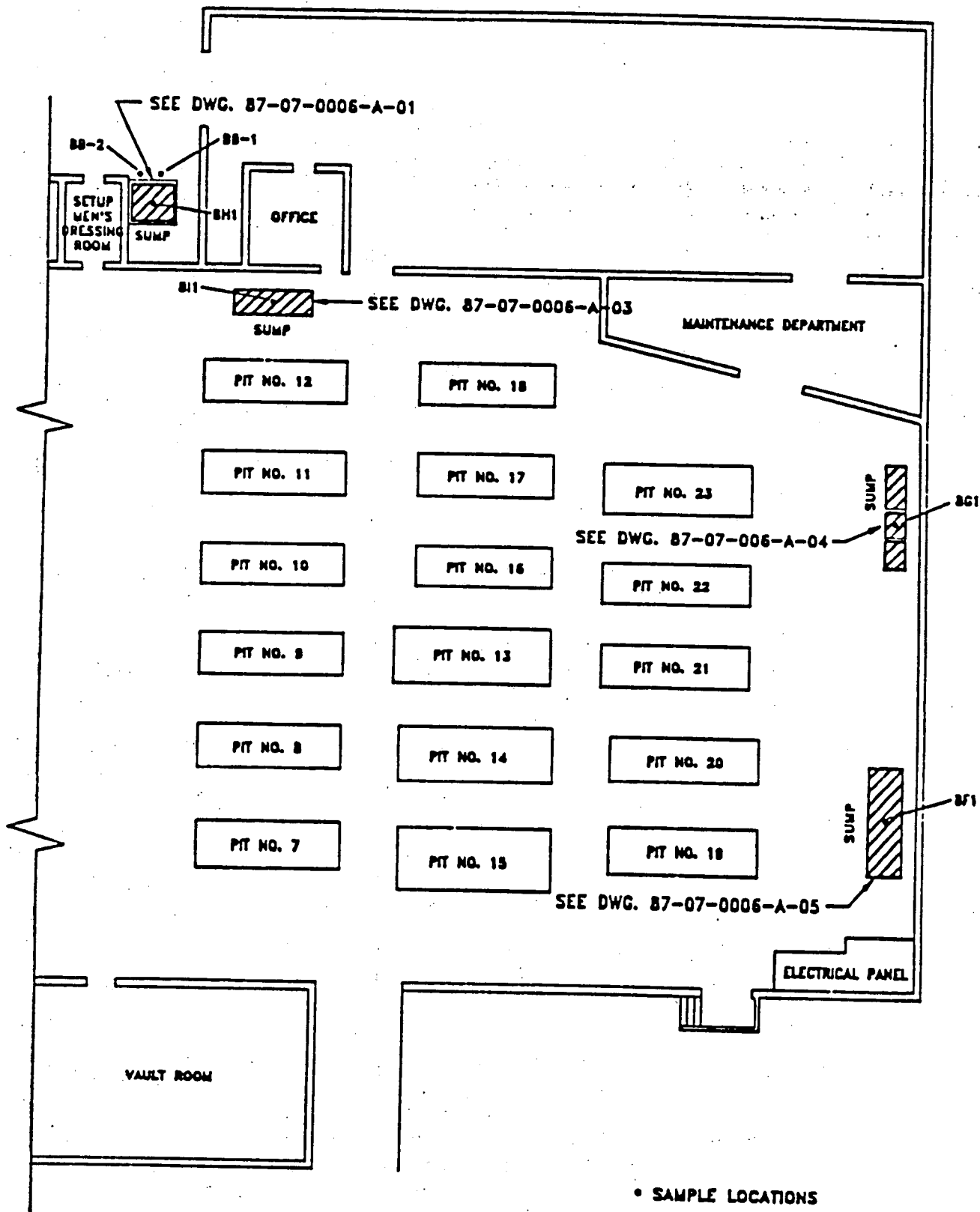
SECTION A-A



A. L. BURKE ENGINEERS, INC.
1163 NORTH KRAEMER PLACE
ANAHEIM, CALIFORNIA 92806

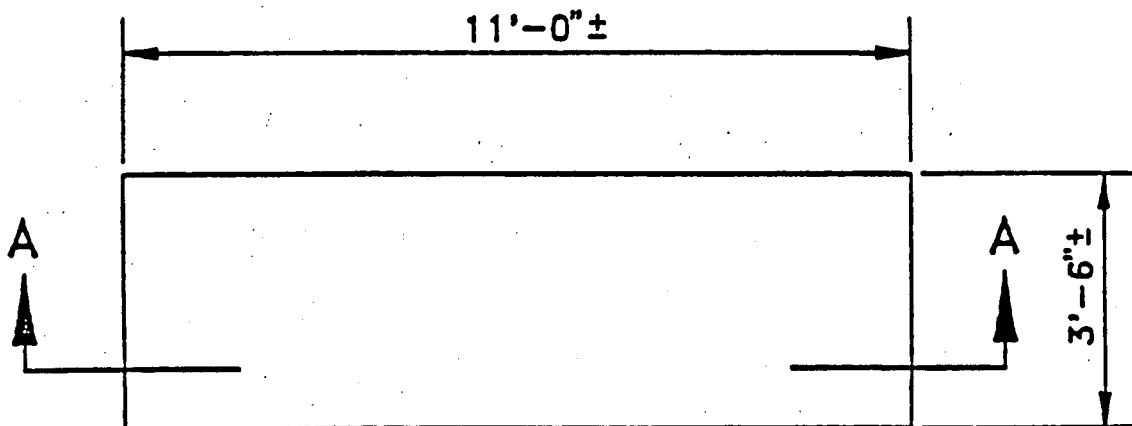
| DESIGNED | CHECKED |
|---------------|---------------|
| G.H.M. | M.E.H. |
| DATE 11-23-88 | DATE 11-23-88 |
| APPROVED | APPROVED |
| DESIGNED | CHECKED |
| 3/8" = 1'-0" | |

| | | |
|---|-----------------|------|
| I.T.T. GENERAL CONTROLS 801 ALLEN AVE. - GLENDALE, CA. | | |
| OUTDOOR SUMP - BUILDING 8 CLOSURE PLAN | | |
| PROJECT NO. | DATE | REV. |
| 898881 | 87-07-0006-A-01 | A |

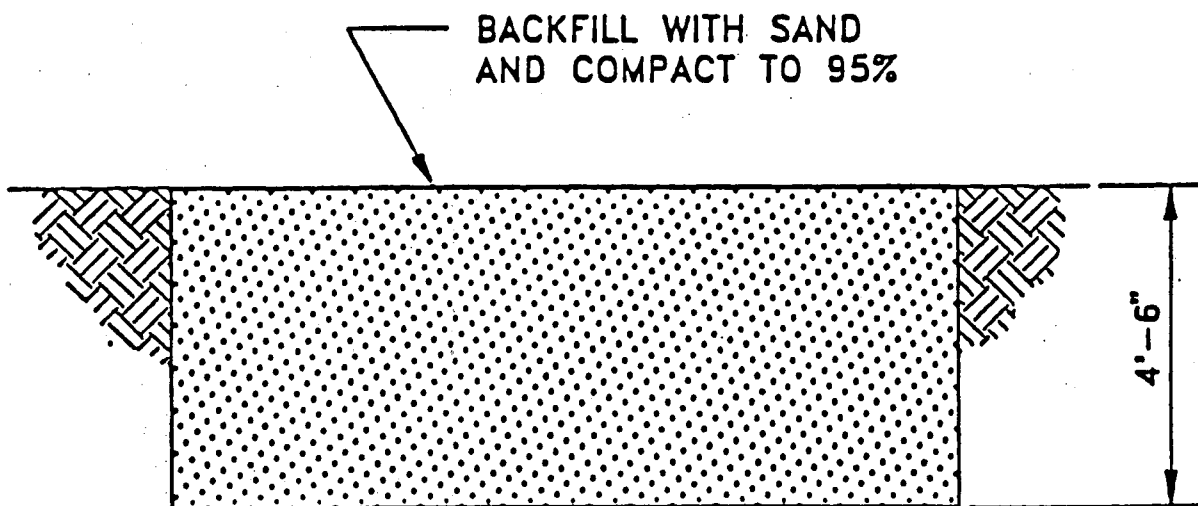


• SAMPLE LOCATIONS

| | | | | | |
|--|--|---------------------------|--|--|--|
| | G.H.M. DATE 12-15-88 | CHECKED DATE | I.T.T. GENERAL CONTROLS 801 ALLEN AVE. - GLENDALE, CA. | | |
| | APPROV. NAME | APPROV. SIGNATURE | BUILDING 8 - SUMP LOCATION PLAN | | |
| | SCALE 1"=20' | DRAWN BY B98881 | | | |
| | L. L. BURKE ENGINEERS, INC. 2102 NORTH BURNING PLACE ANAHEIM, CALIFORNIA 92806 | | | | |



PLAN



SECTION A-A



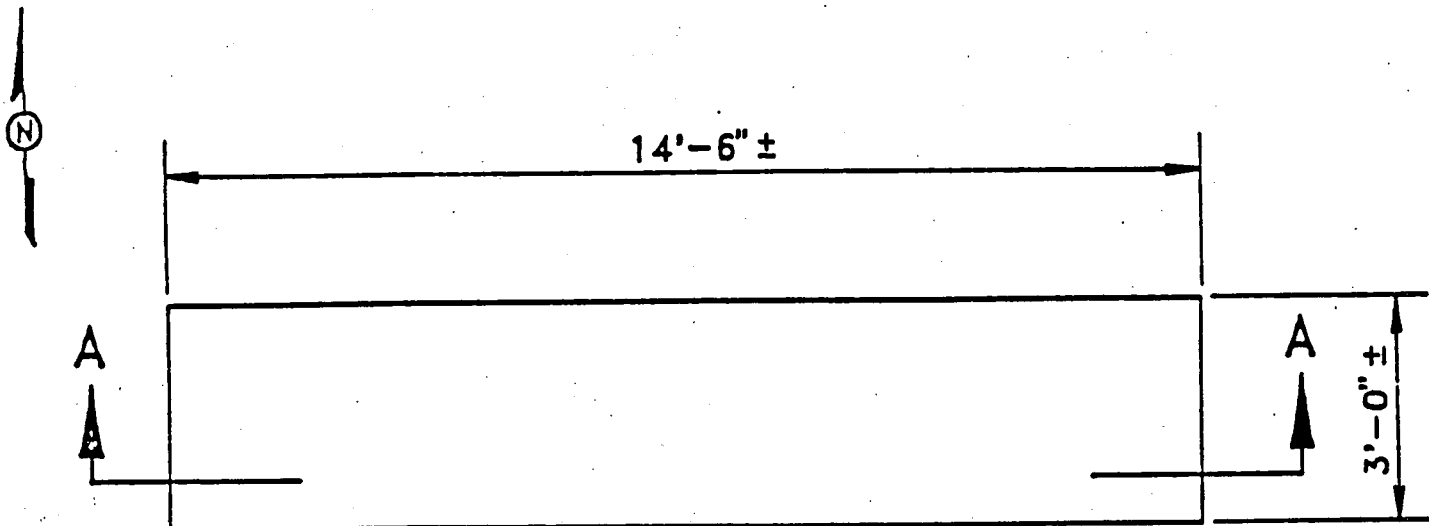
A. L. BURKE ENGINEERS, INC.
1162 NORTH BRANCHES PLACE
ANAHEIM, CALIFORNIA 92806

| | |
|---|--|
| DESIGNED G.H.M. DATE 12-16-88 APPRO. NAME | DRAWN M.E.H. DATE 12-16-88 APPRO. NAME |
| SCALE 3/8" = 1'-0" | CLIENT PROJ. NO. B98881 |

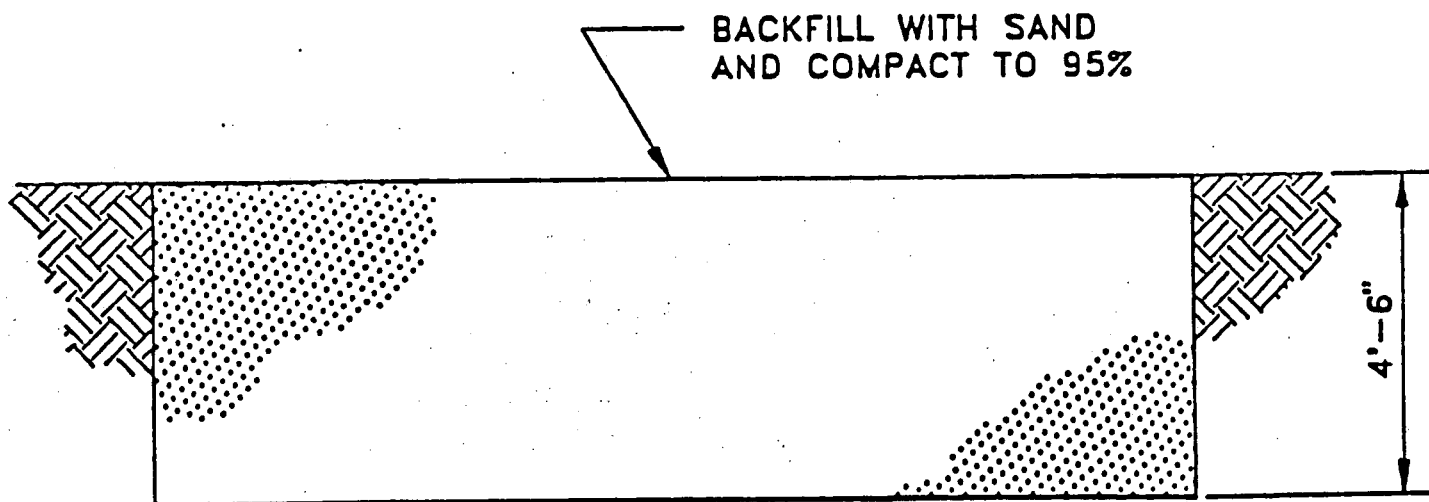
I.T.T. GENERAL CONTROLS
801 ALLEN AVE. - GLENDALE, CA.

**INDOOR SUMP - BUILDING 8
CLOSURE PLAN**

| | |
|-----------------------------------|---------------|
| DATE SUB. REC. 87-07-0006-A-03 | REV. NO. A |
|-----------------------------------|---------------|



PLAN



SECTION A-A



A. L. BURKE ENGINEERS, INC.
1112 NORTH BRAEMER PLACE
ANAHEIM, CALIFORNIA 92804

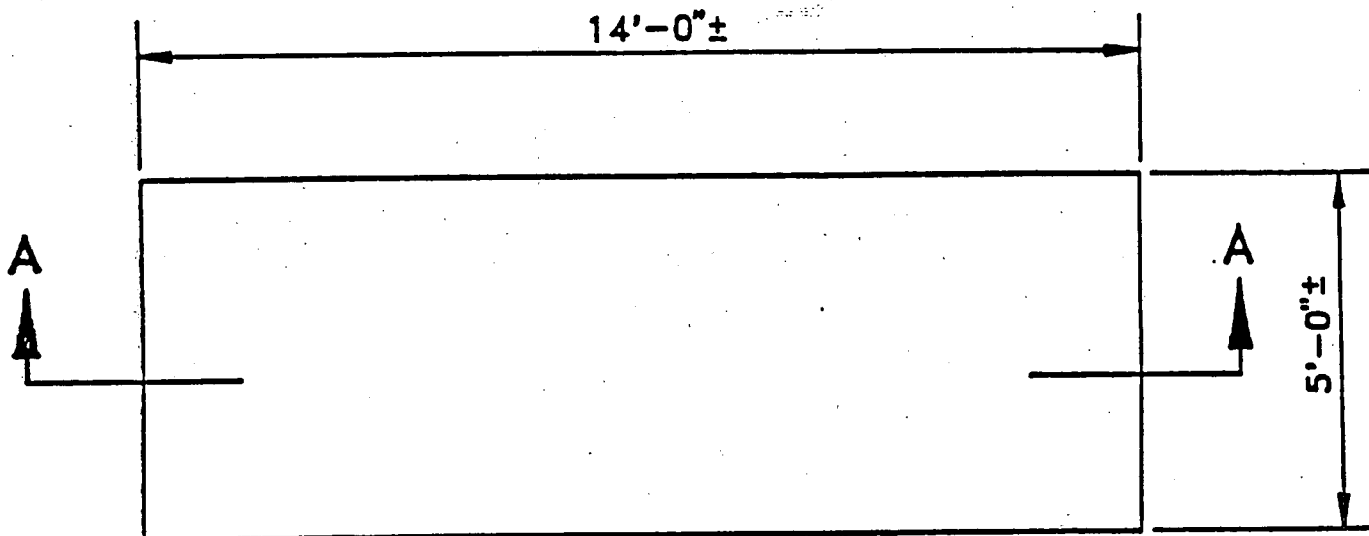
| | |
|-------------------------|-----------------------------------|
| DESIGN G.H.M. | DRAWN M.E.H. |
| DATE 12-16-88 | DATE 12-16-88 |
| APPRO. NAME | APPRO. SIGNATURE |
| SCALE 3/8" = 1'-0" | CLIENT PROJ. NO. B98881 |

I.T.T. GENERAL CONTROLS
801 ALLEN AVE. - GLENDALE, CA.

INDOOR SUMP - BUILDING 8
CLOSURE PLAN

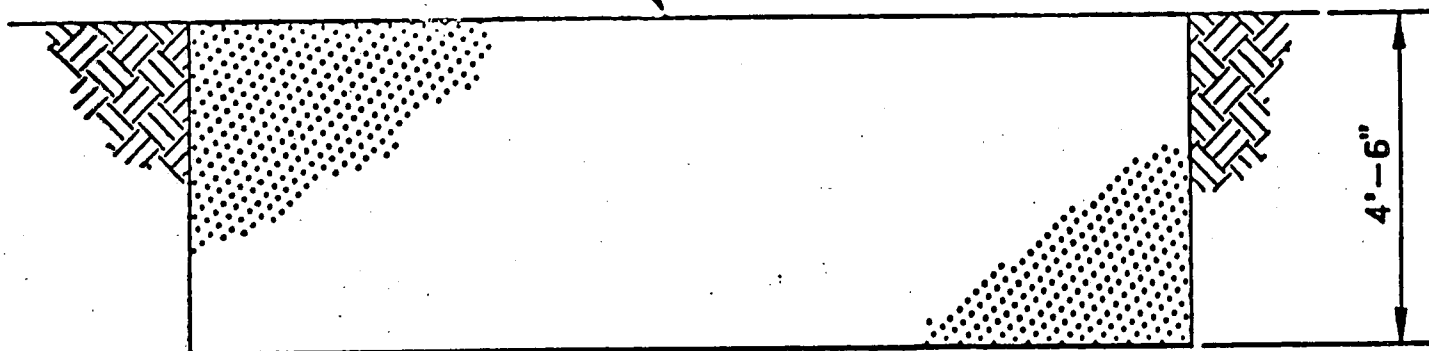
| | |
|--|----------------------|
| DATE PUBL. NO. 87-07-0006-A-04 | REV. NO. A |
|--|----------------------|

UNLESS SHOWN



PLAN

BACKFILL WITH SAND
AND COMPACT TO 95%



SECTION A-A



A. L. BURKE ENGINEERS, INC.
1183 NORTH KRAEMER PLACE
ARANES, CALIFORNIA 92806

| | |
|---------------------------|------------------------|
| DESIGNED G.H.W. | DRAWN M.E.H. |
| DATE 12-19-88 | DATE 12-19-88 |
| APPROVED | APPROVED |
| SCALE 3/8"=1'-0" | CHECKED BY NO. |

B98881

I.T.T. GENERAL CONTROLS
801 ALLEN AVE. - GLENDALE, CA.

INDOOR SUMP - BUILDING 8
CLOSURE PLAN

DATE PLOT 88
87-07-0006-A-05

BY NO.
A

CRI Environmental - South Coast

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(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

Enseco -

December 15, 1988

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke


ANALYSIS NO.: 832101-001/007
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 832101-001/007 shown above.

The samples were received by CRI in a chilled state, intact, and with the chain-of-custody record attached.

Verbals were given December 12, 1988 at 12:00 P.M. to Ms. Kathy Lyden.

Please note that ND() means not detected at the detection limit expressed within the parentheses.


REVIEWED


APPROVED

CRL Environmental - South Coast

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FAX: (714) 891-5917

Enseco -

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

SAMPLE ID.: 8-101 Crane Motor

ANALYSIS NO.: 832101-001
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

EPA METHOD 8080 (PCB'S)

Parameters

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

Results in
(Total ng/wipe)

ND(2,500.)
ND(2,500.)
ND(2,500.)
ND(2,500.)
28,000.
ND(2,500.)
ND(2,500.)

NOTE: Higher detection to due to sample matrix.

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832101-002
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

SAMPLE ID.: 8-102 Crane Track

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

| | |
|--------------|------------|
| Aroclor-1016 | ND(2,500.) |
| Aroclor-1221 | ND(2,500.) |
| Aroclor-1232 | ND(2,500.) |
| Aroclor-1242 | ND(2,500.) |
| Aroclor-1248 | ND(2,500.) |
| Aroclor-1254 | 26,000. |
| Aroclor-1260 | ND(2,500.) |
| | ND(2,500.) |

NOTE: Higher detection to due to sample matrix.

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832101-007
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Solid
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

SAMPLE ID.: 8-103 Floor/Scraping

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

| | |
|--------------|-------------|
| Aroclor-1016 | ND(25,000.) |
| Aroclor-1221 | ND(25,000.) |
| Aroclor-1232 | ND(25,000.) |
| Aroclor-1242 | ND(25,000.) |
| Aroclor-1248 | 230,000. |
| Aroclor-1254 | ND(25,000.) |
| Aroclor-1260 | ND(25,000.) |

NOTE: Higher detection to due to sample matrix.

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LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832101-004
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Solid
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

SAMPLE ID.: 8-104 Shallow Pit/Scraping

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

ND(2,500.)
ND(2,500.)
ND(2,500.)
ND(2,500.)
190,000.
ND(2,500.)
ND(2,500.)

NOTE: Higher detection to due to sample matrix.

The Report Cover Letter is an integral part of this report.

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

SAMPLE ID.: 8-105 Metal Door

ANALYSIS NO.: 832101-005
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

| | |
|--------------|------------|
| Aroclor-1016 | ND(2,500.) |
| Aroclor-1221 | ND(2,500.) |
| Aroclor-1232 | ND(2,500.) |
| Aroclor-1242 | ND(2,500.) |
| Aroclor-1248 | 4,600. |
| Aroclor-1254 | ND(2,500.) |
| Aroclor-1260 | ND(2,500.) |

NOTE: Higher detection to due to sample matrix.

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

SAMPLE ID.: 8-106 Floor

ANALYSIS NO.: 832101-006
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

| | |
|--------------|------------|
| Aroclor-1016 | ND(2,500.) |
| Aroclor-1221 | ND(2,500.) |
| Aroclor-1232 | ND(2,500.) |
| Aroclor-1242 | ND(2,500.) |
| Aroclor-1248 | 21,000. |
| Aroclor-1254 | ND(2,500.) |
| Aroclor-1260 | ND(2,500.) |

NOTE: Higher detection to due to sample matrix.

The Report Cover Letter is an integral part of this report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

CRL Environmental - South Coast

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(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832101-003
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
DATE EXTRACTED: 11/21/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

SAMPLE ID.: 8-107 SW Above Locker

EPA METHOD 8080 (PCB'S)ParametersResults in
(Total ng/wipe)

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

ND(250.)
ND(250.)
ND(250.)
ND(250.)
4,500.
ND(250.)
ND(250.)

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CRL Environmental - South Coast

7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832101-001/007
ANALYSES: EPA Method 8080 (PCB'S)
DATE SAMPLED: 11/15/88
DATE SAMPLE REC'D: 11/16/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8
"Furnace/Patio Area"

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|----------------------------------|--|------------------------------|--|------------------------------|
| 11/21/88 | Aroclor 1260 (EPA 8080-PCB'S) | 83 | 59-115 | 0 | 23 |

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FAX: (714) 891-5917

December 15, 1988

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 832603-001/002
ANALYSES: EPA 8080 (PCB'S)
DATE SAMPLED: 11/18/88
DATE SAMPLE REC'D: 11/21/88
PROJECT: ITT Bldg. #8

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 832603-001/002 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Verbals were given December 12, 1988 at 12:00 P.M. to Ms. Kathy Lyden.

Please note that ND() means not detected at the detection limit expressed within the parentheses.



REVIEWED

APPROVED

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LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

SAMPLE ID.: 8-108 Roof Surface

ANALYSIS NO.: 832603-001
ANALYSES: EPA 8080 (PCB'S)
DATE SAMPLED: 11/18/88
DATE SAMPLE REC'D: 11/21/88
DATE EXTRACTED: 11/28/88
DATE ANALYZED: 12/09/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8

EPA METHOD 8080 (PCB'S)ParametersResults in
(total ng/wipe)

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

ND(250.)
ND(250.)
ND(250.)
ND(250.)
1,900.
ND(250.)
ND(250.)

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 832603-002
ANALYSES: EPA 8080 (PCB'S)
DATE SAMPLED: 11/18/88
DATE SAMPLE REC'D: 11/21/88
DATE EXTRACTED: 11/28/88
DATE ANALYZED: 12/09/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8

SAMPLE ID.: 8-109 Roof Tie Rod

EPA METHOD 8080 (PCB'S)ParametersResults in
(total ng/wipe)

| | |
|--------------|------------|
| Aroclor-1016 | ND(5,000.) |
| Aroclor-1221 | ND(5,000.) |
| Aroclor-1232 | ND(5,000.) |
| Aroclor-1242 | ND(5,000.) |
| Aroclor-1248 | ND(5,000.) |
| Aroclor-1254 | 23,000. |
| Aroclor-1260 | ND(5,000.) |
| | ND(5,000.) |

NOTE: Higher detection limits due to sample matrix.

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CRL Environmental - Ventura

2810 Bunsen Avenue • Ventura, CA 93003

(805) 650-0346 • (800) LAB-1-CRL

FAX: (805) 648-2755

December 13, 1988

CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

Attn: Technical Services
714/898/2125

ANALYSIS NO.: 8341130001-20
ANALYSES: EPA 608/8080
DATE SAMPLED: **/**/**
DATE SAMPLE REC'D: 12/06/88
PROJECT: A. L. Burke

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: 8341130001/20 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

LAB On the Report Cover Letter Is an integral part of this report. CRL

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FAX: (805) 648-2755

MATRIX SPIKE SAMPLE REPORT

Laboratory

Analysis #: B341130001/12

QA/QC Summary

| Analysis: BOBO Matrix: Oil QC Lot: B811288 Units: mg/kg | <u>Concentration</u> | | <u>Accuracy</u> | | <u>Precision</u> | |
|--|----------------------|----------|------------------|----|------------------|--------------|
| | Spiked | Measured | Percent Recovery | | | |
| | | MS | MSD | MS | MSD (Limits) | RPD (Limits) |
| Analyte: Aroclor 1260 | 10 | 4.8 | 3.3 | 48 | 33 (59-115) | 37 (0-23) |

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LABORATORY CONTROL SAMPLE REPORT

Laboratory

Analysis #: 8341130001/12

QA/QC Summary

| Analysis: 8080 | <u>Concentration</u> | | <u>Accuracy</u> | | <u>Precision</u> |
|-----------------------|----------------------|----------|-------------------------|---------------|------------------|
| | Spiked | Measured | <u>Percent Recovery</u> | | |
| Matrix: Oil | | | LCS1 | LCS2 (Limits) | RPD (Limits) |
| QC lot: 881128B | | | LCS1 | LCS2 (Limits) | RPD (Limits) |
| Units: mg/kg | | | | | |
| Analyte: Aroclor 1260 | 10 | 7.2 8.1 | 72 | 81 (59-115) | 12 (0-23) |

Laboratory

Analysis #: 83411300013/20

QA/QC Summary

| Analysis: 8080 | <u>Concentration</u> | | <u>Accuracy</u> | | <u>Precision</u> |
|-----------------------|----------------------|----------|-------------------------|---------------|------------------|
| | Spiked | Measured | <u>Percent Recovery</u> | | |
| Matrix: Solid | | | LCS1 | LCS2 (Limits) | RPD (Limits) |
| QC lot: 881128A | | | LCS1 | LCS2 (Limits) | RPD (Limits) |
| Units: pg/ul (extr.) | | | | | |
| Analyte: Aroclor 1260 | 200 | 142 149 | 71 | 74 (59-115) | 4.1 (0-23) |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130001
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-001v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/7/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 5 | µg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130002
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/, ****
 Method: Not Specified

I.D.: 832607-002v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/7/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 10 | mg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130003
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-003v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/7/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 15 | mg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130004
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/, ****
 Method: Not Specified

I.D.: 832607-004v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/7/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | ND <1 | mg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130005
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-005v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/7/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | ND <1 | mg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130006
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-006v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | | | |
| ----- | | | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 25 | mg/kg | 1 |

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CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

Project- A.L. Burke

Sample #: 8341130007
Received: 12/06/88
Type: Oil

Collector: Client
Sampling Date & Time: **/**/**, ****
Method: Not Specified

I.D.: 832607-007v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/8/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 20 | µg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130008
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-008v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/8/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 20 | mg/kg | 1 |

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 FAX: (805) 648-2755

CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130009
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-009v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/8/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | mg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 30 | mg/kg | 1 |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130010
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-010v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/8/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | µg/kg | .1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | 23 | µg/kg | 1 |

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FAX: (805) 648-2755

CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

Project- A.L. Burke

Sample #: 8341130011

Received: 12/06/88

Type: Oil

Collector: Client

Sampling Date & Time: **/**/, ****

Method: Not Specified

I.D.: 832607-011v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/8/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | ND | <1 µg/kg | 1 |
| | | 32 | µg/kg | 1 |

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 FAX: (805) 648-2755

CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130012
 Received: 12/06/88
 Type: Oil

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-012v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/8/88 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1221 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1232 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1242 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1248 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1254 | EPA 608/8080 | ND <1 | µg/kg | 1 |
| Aroclor - 1260 | EPA 608/8080 | ND <1 | µg/kg | 1 |

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12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130013

Received: 12/06/88

Type: Solid

Collector: Client

Sampling Date & Time: **/**/, ****

Method: Not Specified

I.D.: 832607-013v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | | 10000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250 ng/wipe | |

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7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

Project- A.L. Burke

Sample #: 8341130014
Received: 12/06/88
Type: Solid

Collector: Client
Sampling Date & Time: **/**/**, ****
Method: Not Specified

I.D.: 832607-014v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|--------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 3400 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250 ng/wipe | |

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2166-06144

Enseco

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 832603-001/002
ANALYSES: EPA 8080 (PCB'S)
DATE SAMPLED: 11/18/88
DATE SAMPLE REC'D: 11/21/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. #8

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|----------------------------------|--|------------------------------|--|------------------------------|
| 11/28/88 | Aroclor 1260 (EPA 8080-PCB'S) | 78 | 59-115 | 1 | 23 |

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December 14, 1988

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832704-001
ANALYSES: PCB'S
DATE SAMPLED: 11/20/88
DATE SAMPLE REC'D: 11/22/88
PROJECT: ITT

Enclosed with this letter is the report on the chemical and physical analyses on the sample from ANALYSIS NO: 832704-001 shown above.

The sample was received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid sample is reported on an "as received" basis.

Verbals were given December 12, 1988 at 12:00 P.M. to Ms. Kathy Lyden.

Please note that ND() means not detected at the detection limit expressed within the parentheses.


REVIEWED
APPROVED

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832704-001
ANALYSES: PCB'S
DATE SAMPLED: 11/20/88
DATE SAMPLE REC'D: 11/22/88
DATE EXTRACTED: 11/28/88
DATE ANALYZED: 12/08/88
SAMPLE TYPE: Solid
PROJECT: ITT

SAMPLE ID.: 8-115 Transformer

POLYCHLORINATED BIPHENYLS (PCB'S)ParametersResults in
(mg/kg)

Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

ND(1.)
ND(1.)
ND(1.)
ND(1.)
17.
ND(1.)
ND(1.)

NOTE: Higher detection limits due to sample matrix.

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LABORATORY REPORT

A.L. BURKE
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne L. Burke

ANALYSIS NO.: 832704-001
ANALYSES: PCB'S
DATE SAMPLED: 11/20/88
DATE SAMPLE REC'D: 11/22/88
SAMPLE TYPE: Solid
PROJECT: ITT

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|--------------------------|--|------------------------------|--|------------------------------|
| 11/28/88 | Aroclor 1260 | 78 | 59-115 | 1 | 23 |

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Enseco

December 19, 1988

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 833713-001
ANALYSES: EPA Method 8080 (PCB's)
DATE SAMPLED: 11/29/88
DATE SAMPLE REC'D: 12/02/88
PROJECT: ITT Bldg. 8

Enclosed with this letter is the report on the chemical and physical analyses on the sample from ANALYSIS NO: 833713-001 shown above.

The sample was received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Verbals were given December 13, 1988 at 10:40 A.M. to Ms. Anne Burke.

Please note that ND() means not detected at the detection limit expressed within the parentheses.


REVIEWED


APPROVED

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

Sample ID: 8-132 Decon Ramp

ANALYSIS NO.: 833713-001
ANALYSES: EPA Method 8080 (PCB's)
DATE SAMPLED: 11/29/88
DATE SAMPLE REC'D: 12/02/88
DATE EXTRACTED: 12/07/88
DATE ANALYZED: 12/12/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. 8

POLYCHLORINATED BIPHENYLS (PCB'S)

| <u>Parameters</u> | <u>Results in</u> <u>(Total ng/wipe)</u> |
|-------------------|---|
| Aroclor-1016 | ND(12,000.) |
| Aroclor-1221 | ND(12,000.) |
| Aroclor-1232 | ND(12,000.) |
| Aroclor-1242 | ND(12,000.) |
| Aroclor-1248 | 290,000. |
| Aroclor-1254 | ND(12,000.) |
| Aroclor-1260 | ND(12,000.) |

Note: Higher detection limits due to sample matrix.

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130015
 Received: 12/06/88
 Type: Solid

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-015v

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|------------------|------------|--------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 8300 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250 ng/wipe | |

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FAX: (805) 648-2755

CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

Project- A.L. Burke

Sample #: 8341130016
Received: 12/06/88
Type: Solid

Collector: Client
Sampling Date & Time: **/**/**, ****
Method: Not Specified

I.D.: 832607-016v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ==UNIT== | ==MDL== |
|----------------------------|----------------|------------|--------------|---------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 8800 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250 ng/wipe | |

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CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

Project- A.L. Burke.

Sample #: 8341130017
Received: 12/06/88
Type: Solid

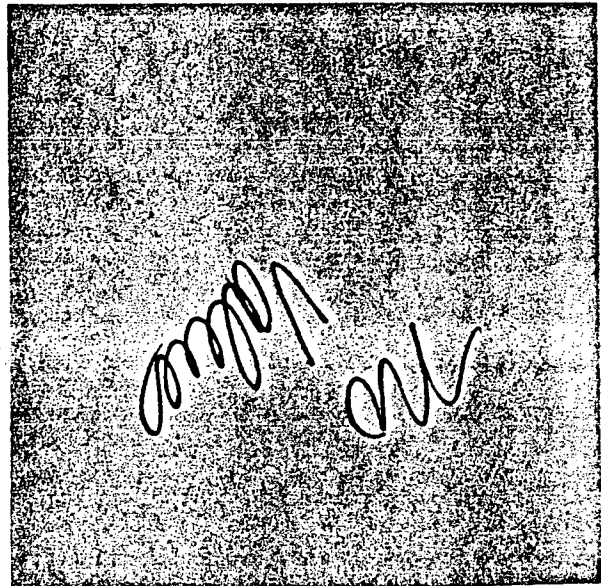
Collector: Client
Sampling Date & Time: **/**/**, ****
Method: Not Specified

I.D.: 832607-017v

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|-------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 12/13/88 | 8 | |

Aroclor - 1016
Aroclor - 1221
Aroclor - 1232
Aroclor - 1242
Aroclor - 1248
Aroclor - 1254
Aroclor - 1260

EPA 608/8080
EPA 608/8080
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FAX: (805) 648-2755

CRL-Garden Grove
7440 Lincoln Way
Garden Grove, CA 92641

12/13/88

Attn: Technical Services
714/898/2125

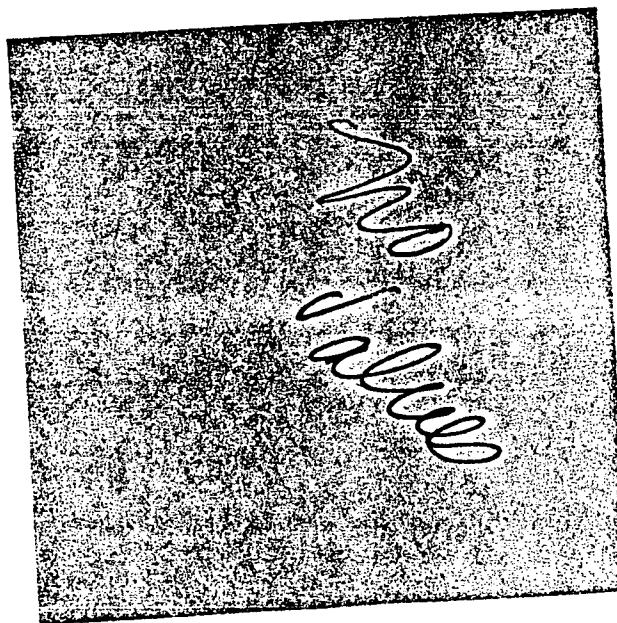
Project- A.L. Burke

Sample #: 8341130018
Received: 12/06/88
Type: Solid

Collector: Client
Sampling Date & Time: **/**/**, ****
Method: Not Specified

I.D.: 832607-018v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | UNIT== | ====MDL===== |
|----------------------------|-----------------|------------|--------|--------------|
| -EPA 608/8080 (PCBs only)- | | Anal. | 1/88 | |
| Aroclor - 1016 | EPA 608/8080 | | de | |
| Aroclor - 1221 | EPA 608/8080 | | | |
| Aroclor - 1232 | EPA 608/8080 | | | |
| Aroclor - 1242 | EPA 608/8080 | | | |
| Aroclor - 1248 | EPA 608/8080 | | | |
| Aroclor - 1254 | EPA 608/8080 | | | |
| Aroclor - 1260 | EPA 608/8080 | | | |



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 FAX: (805) 648-2755

CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130019
 Received: 12/06/88
 Type: Solid

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-019v

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ==UNIT== | ==MDL== |
|----------------------------|------------------|------------|---------------|---------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 92000 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

12/13/88

Attn: Technical Services
 714/898/2125

Project- A.L. Burke

Sample #: 8341130020
 Received: 12/06/88
 Type: Solid

Collector: Client
 Sampling Date & Time: **/**/**, ****
 Method: Not Specified

I.D.: 832607-020v

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/11/88 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <10000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <10000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <10000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <10000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 250000 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <10000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <10000 ng/wipe | |


 Reviewed


 Approved

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 833713-001
ANALYSES: EPA Method 8080 (PCB's)
DATE SAMPLED: 11/29/88
DATE SAMPLE REC'D: 12/02/88
SAMPLE TYPE: Wipe
PROJECT: ITT Bldg. 8

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter (method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|----------------------------------|--|------------------------------|--|------------------------------|
| 12/07/88 | Aroclor 1260 (EPA 8080 PCB's) | 84 | 59-115 | 8 | 23 |

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FAX: (714) 891-5917

January 25, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 835405-001
ANALYSES: Miscellaneous
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
PROJECT: 87-07-0006
ITT Bldg. 8

Enclosed with this letter is the report on the chemical and physical analyses on the sample from ANALYSIS NO: 835405-001 shown above.

The sample was received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Verbals for EPA Methods 8240 and 8010 were given January 10, 1989 at 8:45 A.M. to Mr. Robert Burke. Results for CAM Metals (TTLC & STLC) and EPA Method 9040 were faxed on January 20, 1989 at 8:40 A.M. to Ms. Anne Burke.

Please note that ND() means not detected at the detection limit expressed within the parentheses.



REVIEWED

APPROVED

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 FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
 1162 North Kraemer Place
 Anaheim, CA 92806
 ATTN: Ms. Anne Burke

Sample ID: 8-133 Southwall Wash
 Tank Sludge

ANALYSIS NO.: 835405-001
 ANALYSES: CAM Metals (TTLC)
 DATE SAMPLED: 12/13/88
 DATE SAMPLE REC'D: 12/19/88
 DATE ANALYZED: 01/17-19/89
 SAMPLE TYPE: Solid
 PROJECT: 87-07-0006
 ITT Bldg. 8

The following analytical determinations were conducted according to the guideline set forth in the California Administrative Code, Title 22, Chapter 30, Article II (January 12, 1985). The analyses were performed on a total sample digestion.

| <u>Parameters</u> | <u>METHODS</u> | CALIFORNIA | | |
|-------------------|----------------|--------------------------|---|----------------|
| | | TTLC RESULTS in mg/kg | ADMINISTRATIVE CODE STANDARD STLC, in mg/L | TTLC, in mg/kg |
| Antimony, Total | EPA 6010 | 3.81 | 15. | 500. |
| Arsenic, Total | EPA 7061 | 1.8 | 5. | 500. |
| Barium, Total | EPA 6010 | 173. | 100. | 10,000. |
| Beryllium, Total | EPA 6010 | 0.4 | 0.75 | 75. |
| Cadmium, Total | EPA 6010 | 18. | 1. | 100. |
| Chromium, Tri. | EPA 6010 | 125. | 560. | 2,500. |
| Chromium, Hex. | EPA 7196 | ND(1.) | 5. | 500. |
| Cobalt, Total | EPA 6010 | 7. | 80. | 8,000. |
| Copper, Total | EPA 6010 | 1,996. | 25. | 2,500. |
| Lead, Total | EPA 6010 | 300. | 5. | 1,000. |
| Mercury, Total | EPA 7471 | 0.13 | 0.2 | 20. |
| Molybdenum, Total | EPA 6010 | 22. | 350. | 3,500. |
| Nickel, Total | EPA 6010 | 36. | 20. | 2,000. |
| Selenium, Total | EPA 7741 | ND(0.1) | 1. | 100. |
| Silver, Total | EPA 6010 | 1.22 | 5. | 500. |
| Thallium, Total | EPA 7840 | ND(0.3) | 7. | 700. |
| Vanadium, Total | EPA 6010 | 5.24 | 24. | 2,400. |
| Zinc, Total | EPA 6010 | 4,281. | 250. | 5,000. |

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 FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
 1162 North Kraemer Place
 Anaheim, CA 92806
 ATTN: Ms. Anne Burke

Sample ID: 8-133 Southwall Wash
 Tank Sludge

ANALYSIS NO.: 835405-001
 ANALYSES: EPA Method 8240
 DATE SAMPLED: 12/13/88
 DATE SAMPLE REC'D: 12/19/88
 DATE ANALYZED: 12/29/89
 SAMPLE TYPE: Solid
 PROJECT: 87-07-0006
 ITT Bldg. 8

EPA METHODS 624/8240 VOLATILE ORGANICS

| | <u>(ug/kg)</u> | | <u>(ug/kg)</u> |
|--------------------------|----------------|---------------------------|----------------|
| Chloromethane | ND(100.) | 1,2-Dichloropropane | ND(50.) |
| Bromomethane | ND(100.) | Trans-1,3-Dichloropropene | ND(50.) |
| Vinyl Chloride | ND(100.) | Trichloroethene | ND(50.) |
| Chloroethane | ND(100.) | Dibromochloromethane | ND(50.) |
| Methylene Chloride | 350. | 1,1,2-Trichloroethane | ND(50.) |
| Acetone | 300. | Benzene | 220. |
| Carbon Disulfide | ND(50.) | cis-1,3-Dichloropropene | ND(50.) |
| 1,1-Dichloroethene | ND(50.) | 2-Chloroethylvinyl ether | ND(100.) |
| 1,1-Dichloroethane | ND(50.) | Bromoform | ND(50.) |
| Trans-1,2-Dichloroethene | ND(50.) | 4-Methyl-2-Pentanone | ND(100.) |
| Chloroform | ND(50.) | 2-Hexanone | ND(100.) |
| 1,2-Dichloroethane | ND(50.) | Tetrachloroethene | ND(50.) |
| 2-Butanone | ND(100.) | 1,1,2,2-Tetrachloroethane | ND(50.) |
| 1,1,1-Trichloroethane | ND(50.) | Toluene | 1,500. |
| Carbon Tetrachloride | ND(50.) | Chlorobenzene | ND(50.) |
| Vinyl Acetate | ND(100.) | Ethylbenzene | 360. |
| Bromodichloromethane | ND(50.) | Styrene | ND(50.) |
| | | Total Xylenes | 1,900. |

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LABORATORY REPORT

A.L. BURKE ENGINEERS
 1162 North Kraemer Place
 Anaheim, CA 92806
 ATTN: Ms. Anne Burke

Sample ID: 8-133 Southwall Wash
 Tank Sludge

ANALYSIS NO.: 835405-001
 ANALYSES: EPA Method 8010
 DATE SAMPLED: 12/13/88
 DATE SAMPLE REC'D: 12/19/88
 DATE ANALYZED: 01/09/89
 SAMPLE TYPE: Solid
 PROJECT: 87-07-0006
 ITT Bldg. 8

EPA METHODS 601/8010 HALOGENATED VOLATILE ORGANICS

| | <u>(ug/kg)</u> | | <u>(ug/kg)</u> |
|--------------------------|----------------|---------------------------|----------------|
| Chloromethane | ND(200.) | 1,2-Dichloropropane | ND(200.) |
| Bromomethane | ND(200.) | Trans-1,3-Dichloropropene | ND(200.) |
| Vinyl Chloride | ND(200.) | Trichloroethene | ND(200.) |
| Chloroethane | ND(200.) | Dibromochloromethane | ND(200.) |
| Methylene Chloride | ND(200.) | 1,1,2-Trichloroethane | ND(200.) |
| 1,1-Dichloroethene | ND(200.) | Cis-1,3-Dichloropropene | ND(200.) |
| 1,1-Dichloroethane | ND(200.) | 2-Chloroethylvinylether | ND(200.) |
| Trans-1,2-Dichloroethene | ND(200.) | Bromoform | ND(200.) |
| Chloroform | ND(200.) | Tetrachloroethene | ND(200.) |
| 1,2-Dichloroethane | ND(200.) | 1,1,2,2-Tetrachloroethane | ND(200.) |
| 1,1,1-Trichloroethane | ND(200.) | Chlorobenzene | ND(200.) |
| Carbon Tetrachloride | ND(200.) | Bromodichloromethane | ND(200.) |
| 1,2-Dichlorobenzene | ND(200.) | 1,3-Dichlorobenzene | ND(200.) |
| Trichlorofluoromethane | ND(200.) | 1,4-Dichlorobenzene | ND(200.) |

Note: Interference due to sample matrix. Higher detection limits due to sample matrix (foamy).

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 835405-001
ANALYSES: EPA Method 9040
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
DATE ANALYZED: 01/17/89
SAMPLE TYPE: Solid
PROJECT: 87-07-0006
ITT Bldg. 8

SAMPLE IDENTIFICATION

8-133 Southwall Wash Tank Sludge

pH
EPA METHOD 9040
(units)
6.65

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LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

Sample ID: 8-133 Southwall Wash
Tank Sludge

ANALYSIS NO.: 835405-001
ANALYSES: CAM Metals (STLC)
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
DATE ANALYZED: 01/21/89
SAMPLE TYPE: Solid
PROJECT: 87-07-0006
ITT Bldg. 8

The following analytical determinations were conducted according to the guideline set forth in the California Administrative Code, Title 22, Chapter 30, Article II (January 12, 1985). The analyses were performed on a 48 hour citric acid extract (CAC-Waste Extraction Test) for soluble metals.

| <u>Parameters</u> | <u>METHODS</u> | <u>STLC RESULTS</u> <u>in mg/L</u> | <u>CALIFORNIA</u> <u>ADMINISTRATIVE CODE STANDARD</u> | |
|-------------------|----------------|---------------------------------------|--|------------------------|
| | | | <u>STLC, in mg/L</u> | <u>TTLIC, in mg/kg</u> |
| Barium | EPA 6010 | 6.7 | 100. | 10,000. |
| Cadmium | EPA 6010 | 2.0 | 1. | 100. |
| Copper | EPA 6010 | 73. | 25. | 2,500. |
| Lead | EPA 6010 | 4.9 | 5. | 1,000. |
| Nickel | EPA 6010 | 3.7 | 20. | 2,000. |
| Zinc | EPA 6010 | 152. | 250. | 5,000. |

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 835405-001
ANALYSES: EPA Methods 8010 & 8240
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
SAMPLE TYPE: Solid
PROJECT: 87-07-0006
ITT Bldg. 8

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|----------------------------------|--|------------------------------|--|------------------------------|
| 01/09/89 | 1,1-Dichloroethene (EPA 8010) | 94 | 60-120 | 13 | 40 |
| 01/09/89 | Trichloroethene (EPA 8010) | 90 | 60-120 | 4 | 40 |
| 01/09/89 | Chlorobenzene (EPA 8010) | 94 | 60-120 | 4 | 40 |
| 12/29/88 | 1,1-Dichloroethene (EPA 8240) | 87 | 59-172 | 0 | 22 |
| 12/29/88 | Chlorobenzene (EPA 8240) | 104 | 59-139 | 3 | 21 |

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LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 835405-001
ANALYSES: CAM Metals (TTLC)
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
SAMPLE TYPE: Solid
PROJECT: 87-07-0006
ITT Bldg. 8

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|------------------------------|--|------------------------------|--|------------------------------|
| 01/19/89 | Antimony (EPA 6010) | 103 | 25-110 | 3 | 47 |
| 01/17/89 | Arsenic (EPA 7061) | 81 | 47-190 | 1 | 30 |
| 01/17/89 | Barium (EPA 6010) | 92 | 37-147 | 3 | 33 |
| 01/17/89 | Beryllium (EPA 6010) | 98 | 36-119 | 0 | 25 |
| 01/17/89 | Cadmium (EPA 6010) | 107 | 52-130 | 4 | 28 |
| 01/17/89 | Chromium (EPA 6010) | 107 | 40-190 | 2 | 33 |
| 01/18/89 | Chromium, Hex. (EPA 7196) | 83 | 60-130 | 6 | 40 |
| 01/17/89 | Cobalt (EPA 6010) | 105 | 56-123 | 0 | 25 |
| 01/17/89 | Copper (EPA 6010) | 95 | 49-144 | 1 | 23 |
| 01/17/89 | Lead (EPA 6010) | 105 | 35-180 | 5 | 40 |
| 01/17/89 | Mercury (EPA 7471) | 54 | 25-125 | 0 | 51 |
| 01/17/89 | Molybdenum (EPA 6010) | 106 | 39-124 | 3 | 25 |
| 01/17/89 | Nickel (EPA 6010) | 105 | 55-155 | 1 | 25 |
| 01/19/89 | Selenium (EPA 7741) | 56 | 30-103 | 13 | 30 |
| 01/17/89 | Silver (EPA 6010) | 95 | 44-128 | 7 | 25 |
| 01/18/89 | Thallium (EPA 7840) | 105 | 42-110 | 10 | 25 |
| 01/17/89 | Vanadium (EPA 6010) | 103 | 55-142 | 0 | 25 |
| 01/17/89 | Zinc (EPA 6010) | 100 | 52-165 | 0 | 31 |

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LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: 835405-001
ANALYSES: CAM Metals (STLC)
DATE SAMPLED: 12/13/88
DATE SAMPLE REC'D: 12/19/88
SAMPLE TYPE: Solid
PROJECT: 87-07-0006
ITT Bldg. 8

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|--------------------------|--|------------------------------|--|------------------------------|
| 01/21/89 | Barium (EPA 6010) | 97 | 63-137 | 5 | 30 |
| 01/21/89 | Cadmium (EPA 6010) | 100 | 72-141 | 3 | 25 |
| 01/21/89 | Copper (EPA 6010) | 95 | 68-129 | 2 | 25 |
| 01/21/89 | Lead (EPA 6010) | 99 | 65-144 | 3 | 25 |
| 01/21/89 | Nickel (EPA 6010) | 97 | 65-146 | 2 | 25 |
| 01/21/89 | Zinc (EPA 6010) | 96 | 73-138 | 4 | 25 |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

12/30/88

Attn: Anne Burke
714/666/1120


Project: ITT Bldg. #8
87-07-0006


Sample #: 8356110500
Received: 12/21/88
Type: Liquid

Collector: M. Torres
Sampling Date & Time: 12/18/88, 1245
Method: Grab

I.D.: 8-134 Baker Tank #2

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 12/29/88 |
| ----- | | ----- | ----- |
| Aroclor - 1016 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1221 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1232 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1242 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1248 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1254 | EPA 608/8080 | ND <0.0005 | mg/L |
| Aroclor - 1260 | EPA 608/8080 | ND <0.0005 | mg/L |


Reviewed


Approved

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

 Sample #: 8363100103
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0730
 Method: Grab

I.D.: 8-142

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| ----- | | ----- | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 160000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006.

Sample #: 8363100102
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0720
Method: Grab

I.D.: 8-141

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | | 4100000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100101
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0715
 Method: Grab

I.D.: 8-140

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/4/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 360000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100104
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0740
Method: Grab

I.D.: 8-143

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|------------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| ----- | ----- | ----- | ----- | ----- |
| Aroclor - 1016 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 520000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND <250000 | ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100101
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0715
Method: Grab

I.D.: 8-140

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 360000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100102
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0720
Method: Grab

I.D.: 8-141

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/4/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND <250000 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 4100000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND <250000 | ng/wipe | |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100103
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0730
 Method: Grab

I.D.: 8-142

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 160000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100104
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0740
Method: Grab

I.D.: 8-143

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | | 520000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 | ng/wipe |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100105
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0750
Method: Grab

I.D.: 8-144

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 3900000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 | ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100106
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0800
 Method: Grab

I.D.: 8-145

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 120000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

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Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100107
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0805
Method: Grab

I.D.: 8-146

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 110000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

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Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100108
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0810
 Method: Grab

I.D.: 8-147

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 280000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
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Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100109
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0815
Method: Grab

I.D.: 8-148

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 83000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100110
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0820
Method: Grab

I.D.: 8-149

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ==UNIT== | ==MDL== |
|----------------------------|-----------------|------------|----------------|---------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 40000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100111
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0825
Method: Grab

I.D.: 8-150

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | | 65000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100112
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0830
 Method: Grab

I.D.: 8-151

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 85000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100113
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0835
Method: Grab

I.D.: 8-152

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/5/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 15000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100114
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0840
 Method: Grab

I.D.: 8-153

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 12000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100115
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0845
Method: Grab

I.D.: 8-154

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|-----------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/5/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 6900 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100116
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0850
Method: Grab

I.D.: 8-155

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 13000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100117
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0855
Method: Grab

I.D.: 8-156

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ==UNIT== | ==MDL== |
|----------------------------|----------------|------------|---------------|---------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 20000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100118
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0900
Method: **Grab**

I.D.: 8-157

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 19000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

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Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100119
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date, & Time: 12/21/88, 0905
Method: **Grab**

I.D.: 8-158

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 16000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100120
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0910
Method: Grab

I.D.: 8-159

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 230000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100121
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0915
 Method: Grab

I.D.: 8-160

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 45000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100122
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0925
 Method: Grab

I.D.: 8-161

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/6/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 200000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

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Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100105
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0750
 Method: Grab

I.D.: 8-144

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/4/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <250000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | | 3900000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100106
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0800
 Method: Grab

I.D.: 8-145

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/4/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 120000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
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Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100107
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0805
 Method: Grab

I.D.: 8-146

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 110000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

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Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100108
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0810
Method: Grab

I.D.: 8-147

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| ----- | | ----- | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 280000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100109
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0815
Method: **Grab**

I.D.: 8-148

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 83000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100110
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0820
 Method: Grab

I.D.: 8-149

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 40000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100111
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0825
 Method: Grab

I.D.: 8-150

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 65000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100112
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0830
Method: Grab

I.D.: 8-151

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 85000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
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Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100113
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0835
 Method: **Grab**

I.D.: 8-152

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 15000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100114
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0840
 Method: Grab

I.D.: 8-153

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|-----------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/5/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 12000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100115
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0845
Method: Grab

I.D.: 8-154

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/5/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 6900 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100116
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0850
Method: Grab

I.D.: 8-155

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 13000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100117
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0855
 Method: Grab

I.D.: 8-156

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 20000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100118
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0900
Method: **Grab**

I.D.: 8-157

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|------------------|-----------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/6/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 19000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

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Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100119
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0905
 Method: **Grab**

I.D.: 8-158

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|-----------------|---------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/6/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | 16000 | ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe | |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

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Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100120
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0910
 Method: Grab

I.D.: 8-159

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <50000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <50000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <50000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <50000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 230000 | | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <50000 | ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100121
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0915
 Method: **Grab**

I.D.: 8-160

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | | 45000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 ng/wipe | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100122
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0925
Method: Grab

I.D.: 8-161

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | | 200000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 | ng/wipe |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100123
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0950
Method: Grab

I.D.: 8-164

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ==UNIT== | ==MDL== |
|----------------------------|----------------|------------|-----------|---------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/12/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 550 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50 mg/kg | |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100124
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0955
 Method: Grab

I.D.: 8-165

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/12/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 640 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50 mg/kg | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120


Project- ITT Building 8
Project # 87-07-0006

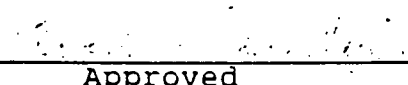
Sample #: 8363100125
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 1000
Method: ~~Grab~~

I.D.: 8-166

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|-------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/12/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 0.80 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg | |


Reviewed


Approved

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101001
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, ****
 Method: Grab

I.D.: 8-162

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/14/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 17000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
714/666/1120

Project- Building 8 ITT
Project #87-07(0006)

Sample #: 9004101002
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, ****
Method: Grab

I.D.: 8-163

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 11000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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 FAX: (805) 648-2755

01/16/89

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 8363100123
 Received: 12/28/88
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/21/88, 0950
 Method: Grab

I.D.: 8-164

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/12/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 550 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50 mg/kg | |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 8363100124
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 0955
Method: Grab

I.D.: 8-165

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/12/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 640 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <50 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <50 mg/kg | |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/16/89

Attn: Anne Burke
714/666/1120


Project- ITT Building 8
Project # 87-07-0006


Sample #: 8363100125
Received: 12/28/88
Type: Solid

Collector: Client
Sampling Date & Time: 12/21/88, 1000
Method: Grab

I.D.: 8-166

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|-------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/12/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | | 0.80 mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg | |


Reviewed


Approved

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
714/666/1120

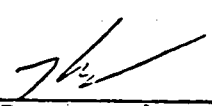
Project- Building 8 ITT
Project #87-07(0006)

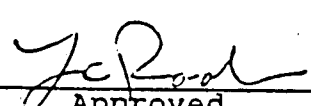
Sample #: 9004101015
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/22/88, ****
Method: Grab

I.D.: 8-167

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/12/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | 2.9 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.5 | mg/kg |


Reviewed


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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101003
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-168

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 76000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101004
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-169

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

====METHOD=====

==RESULT== ==UNIT==
 Analyzed 1/16/89

Aroclor - 1016
 Aroclor - 1221
 Aroclor - 1232
 Aroclor - 1242
 Aroclor - 1248
 Aroclor - 1254
 Aroclor - 1260

EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080

ND <2500 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe
 28000 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101005
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-170

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 37000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101006
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: ~~Grab~~

I.D.: 8-171

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 330000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101007
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-172

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 230000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101008
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-173

=====CONSTITUENT=====

=====METHOD=====

==RESULT== ==UNIT==

-EPA 608/8080 (PCBs only)-

Analyzed 1/16/89

| | | |
|----------------|--------------|-------------------|
| Aroclor - 1016 | EPA 608/8080 | ND <25000 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 920000 ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101009
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-174

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 10000000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <250000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101010
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-175

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 36000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
714/666/1120

Project- Building 8 ITT
Project #87-07(0006)

Sample #: 9004101011
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/26/88, ****
Method: Grab

I.D.: 8-176

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

====METHOD=====

==RESULT== ==UNIT==
Analyzed 1/16/89

Aroclor - 1016
Aroclor - 1221
Aroclor - 1232
Aroclor - 1242
Aroclor - 1248
Aroclor - 1254
Aroclor - 1260

EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080

ND <25000 ng/wipe
ND <25000 ng/wipe
ND <25000 ng/wipe
ND <25000 ng/wipe
ND <25000 ng/wipe
420000 ng/wipe
ND <25000 ng/wipe

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101012
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-177

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 260000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
714/666/1120

Project- Building 8 ITT
Project #87-07(0006)

Sample #: 9004101013
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/26/88, ****
Method: Grab

I.D.: 8-178

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ==UNIT== |
|----------------------------|-----------------|------------|----------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/17/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND | <25000 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | 63000 | ng/wipe |
| | EPA 608/8080 | ND | <25000 ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/19/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #87-07(0006)

Sample #: 9004101014
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/26/88, ****
 Method: Grab

I.D.: 8-179

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/16/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 65000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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 (213) 598-0458 • (714) 898-6370 • (800) LAB-I-CRL
 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8836404-012
 Date Sampled: 28-DEC-1988
 Date Sample Rec'd: 29-DEC-1988
 Date Analyzed: 7-JAN-1989
 Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. (87-07-0007)
 Sample ID: 8-180

Purgeable Organics, EPA 8240

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 20 |
| Acetone | ND | ND | 50 |
| Carbon Disulfide | ND | ND | 20 |
| 1,1-Dichloroethene | ND | ND | 20 |
| 1,1-Dichloroethane | ND | ND | 20 |
| trans-1,2-Dichloroethene | ND | ND | 20 |
| Chloroform | 35.1 | ND | 20 |
| 1,2-Dichloroethane | ND | ND | 20 |
| 2-Butanone | ND | ND | 50 |
| 1,1,1-Trichloroethane | 210.1 | ND | 20 |
| Carbon Tetrachloride | ND | ND | 20 |
| Vinyl Acetate | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 20 |
| 1,2-Dichloropropane | ND | ND | 20 |
| trans-1,3-Dichloropropene | ND | ND | 20 |
| Trichloroethene | ND | ND | 20 |
| Dibromochloromethane | ND | ND | 20 |
| 1,1,2-Trichloroethane | ND | ND | 20 |
| Benzene | ND | ND | 20 |
| cis-1,3-Dichloropropene | ND | ND | 20 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 20 |
| 4-Methyl-2-pentanone | ND | ND | 50 |
| 2-Hexanone | ND | ND | 50 |
| Tetrachloroethene | 39.1 | ND | 20 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 20 |
| Toluene | 26.1 | ND | 20 |
| Chlorobenzene | ND | ND | 20 |
| Ethylbenzene | ND | ND | 20 |
| Styrene | ND | ND | 20 |
| Total Xylenes | 110.1 | ND | 20 |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/23/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102001
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1030
 Method: Grab

I.D.: 8-181

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------|-----------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/17/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | | 1200000 ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 ng/wipe | |

Sample #: 9004102002
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1035
 Method: Grab

I.D.: 8-182

| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/17/89 |
|----------------------------|--------------|----------|-----------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | | 1800000 ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 ng/wipe |

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Sample #: 9004102003
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1040
 Method: Grab

I.D.: 8-183

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/17/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | | 570000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND | <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <25000 | ng/wipe |

Sample #: 9004102004
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1045
 Method: Grab

I.D.: 8-184

| -EPA 608/8080 (PCBs only)- | | Analyzed 1/17/89 |
|----------------------------|--------------|--------------------|
| Aroclor - 1016 | EPA 608/8080 | ND <250000 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <250000 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <250000 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <250000 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 1600000 ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <250000 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <250000 ng/wipe |

Sample #: 9004102005
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1050
 Method: Grab

I.D.: 8-185

| -EPA 608/8080 (PCBs only)- | Analyzed 1/17/89 |
|----------------------------|------------------|
| | |

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| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|-----------------------|----------------|------------|-----------------|-----------|
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1248 | EPA 608/8080 | 1500000 | ng/wipe | |
| Aroclor - 1254 | EPA 608/8080 | ND | <250000 ng/wipe | |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 ng/wipe | |

Sample #: 9004102006
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/29/88, 1055
 Method: Grab

I.D.: 8-186

-EPA 608/8080 (PCBs only)-

Analyzed 1/17/89

| | | | |
|----------------|--------------|---------|-----------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 1300000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND | <250000 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <250000 ng/wipe |

J. R. R.
 Reviewed

Louis Coutois
 Approved

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102301
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: **Grab**

I.D.: 8-187

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|------------------|------------|---------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/19/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 26000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102302
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: **Grab**

I.D.: 8-188

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

====METHOD=====

==RESULT== ==UNIT==

Analyzed 1/19/89

Aroclor - 1016
 Aroclor - 1221
 Aroclor - 1232
 Aroclor - 1242
 Aroclor - 1248
 Aroclor - 1254
 Aroclor - 1260

EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080

ND <25000 ng/wipe
 ND <25000 ng/wipe
 ND <25000 ng/wipe
 ND <25000 ng/wipe
 ND <25000 ng/wipe
 98000 ng/wipe
 ND <25000 ng/wipe

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102303
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab

I.D.: 8-189

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|---------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 2600 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND | <2500 ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND | <2500 ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102304
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab

I.D.: 8-190

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

====METHOD=====

==RESULT== ==UNIT==
 Analyzed 1/19/89

Aroclor - 1016
 Aroclor - 1221
 Aroclor - 1232
 Aroclor - 1242
 Aroclor - 1248
 Aroclor - 1254
 Aroclor - 1260

EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080

ND <2500 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe
 ND <2500 ng/wipe
 64000 ng/wipe
 ND <2500 ng/wipe

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102305
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab

I.D.: 8-191

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/19/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 350000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

 Sample #: 9004102306
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab !

I.D.: 8-192

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 4900 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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01/30/89

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102307
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab

I.D.: 8-193

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 6000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
 714/666/1120

Project- Building 8 ITT
 Project #8707-0006

Sample #: 9004102308
 Received: 01/04/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 12/30/88, 1100
 Method: Grab

I.D.: 8-194

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/19/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 22000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
714/666/1120

Project- Building 8 ITT
Project #8707-0006

Sample #: 9004102309
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/30/88, 1100
Method: **Grab**

I.D.: 8-195

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/20/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | ND <2500 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | 34000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <2500 | ng/wipe |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

01/30/89

Attn: Anne Burke
714/666/1120

Project- Building 8 ITT
Project #8707-0006

Sample #: 9004102310
Received: 01/04/89
Type: Solid

Collector: Client
Sampling Date & Time: 12/30/88, 1100
Method: Grab

I.D.: 8-196

=====CONSTITUENT=====


-EPA 608/8080 (PCBs only)-


====METHOD=====

==RESULT== ==UNIT==
Analyzed 1/20/89

Aroclor - 1016
Aroclor - 1221
Aroclor - 1232
Aroclor - 1242
Aroclor - 1248
Aroclor - 1254
Aroclor - 1260

| | | | |
|--------------|----|---------|---------|
| EPA 608/8080 | ND | <250000 | ng/wipe |
| EPA 608/8080 | ND | <250000 | ng/wipe |
| EPA 608/8080 | ND | <250000 | ng/wipe |
| EPA 608/8080 | ND | <250000 | ng/wipe |
| EPA 608/8080 | ND | <250000 | ng/wipe |
| EPA 608/8080 | | 2300000 | ng/wipe |
| EPA 608/8080 | ND | <250000 | ng/wipe |


Reviewed


Approved

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7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

January 20, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

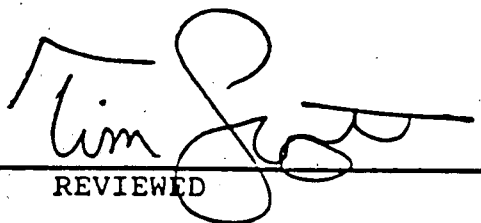
ANALYSIS NO.: G-8900417-001/010
ANALYSES: Miscellaneous
DATE SAMPLED: 03-Jan-1989
DATE SAMPLE REC'D: 04-Jan-1989
PROJECT: ITT Hazardous Waste Inv.
87-07-0006

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8900417-001/010 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND() means not detected at the detection limit expressed within the parentheses.


REVIEWED


APPROVED

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(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-001
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 6000. | ND | 250 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-001
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 13-JAN-1989
Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-S

Date Extracted: 07-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 1000 |
| Aroclor-1221 | ND | ND | 1000 |
| Aroclor-1232 | ND | ND | 1000 |
| Aroclor-1242 | ND | ND | 1000 |
| Aroclor-1248 | 5700 | ND | 1000 |
| Aroclor-1254 | ND | ND | 1000 |
| Aroclor-1260 | ND | ND | 1000 |

Note: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-001
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 11-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-S

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-002
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 33. | ND | 1 |

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A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-002
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 13-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-1'

Date Extracted: 07-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 250 |
| Aroclor-1221 | ND | ND | 250 |
| Aroclor-1232 | ND | ND | 250 |
| Aroclor-1242 | ND | ND | 250 |
| Aroclor-1248 | 1700 | ND | 250 |
| Aroclor-1254 | ND | ND | 250 |
| Aroclor-1260 | ND | ND | 250 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-002
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 11-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-197-1'

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-003
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 16-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-198-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 12000 | ND | 500 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-003
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 13-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-198-S

Date Extracted: 07-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 25 |
| Aroclor-1221 | ND | ND | 25 |
| Aroclor-1232 | ND | ND | 25 |
| Aroclor-1242 | ND | ND | 25 |
| Aroclor-1248 | ND | ND | 25 |
| Aroclor-1254 | 150 | ND | 25 |
| Aroclor-1260 | ND | ND | 25 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-003
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-198-S

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-004
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 12-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-198-1'

Date Extracted: 07-JAN-1989

Units: mg/kg

Polychlorinated Biphenols (EPA 8080)

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 0.1 |
| Aroclor-1221 | ND | ND | 0.1 |
| Aroclor-1232 | ND | ND | 0.1 |
| Aroclor-1242 | ND | ND | 0.1 |
| Aroclor-1248 | ND | ND | 0.1 |
| Aroclor-1254 | 0.5 | ND | 0.1 |
| Aroclor-1260 | ND | ND | 0.1 |

NOTE: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-004
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-198-1'

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-005
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-199-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 870.1 | 1.1 | 25 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-005
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 12-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-199-S

Date Extracted: 07-JAN-1989

Units: mg/kg

Polychlorinated Biphenols (EPA 8080)

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 25 |
| Aroclor-1221 | ND | ND | 25 |
| Aroclor-1232 | ND | ND | 25 |
| Aroclor-1242 | ND | ND | 25 |
| Aroclor-1248 | 73 | ND | 25 |
| Aroclor-1254 | ND | ND | 25 |
| Aroclor-1260 | ND | ND | 25 |

NOTE: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-005
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-199-S

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-006
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-199-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 11. | 1.3 | 1 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-006
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 12-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-199-1'

Date Extracted: 07-JAN-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 0.02 |
| Aroclor-1221 | ND | ND | 0.02 |
| Aroclor-1232 | ND | ND | 0.02 |
| Aroclor-1242 | ND | ND | 0.02 |
| Aroclor-1248 | 0.04 | ND | 0.02 |
| Aroclor-1254 | ND | ND | 0.02 |
| Aroclor-1260 | ND | ND | 0.02 |

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-006
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-199-1'

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-007
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-200-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 19000. | ND | 1000 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-007
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 12-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-200-S

Date Extracted: 07-JAN-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 100 |
| Aroclor-1221 | ND | ND | 100 |
| Aroclor-1232 | ND | ND | 100 |
| Aroclor-1242 | ND | ND | 100 |
| Aroclor-1248 | 520 | ND | 100 |
| Aroclor-1254 | ND | ND | 100 |
| Aroclor-1260 | ND | ND | 100 |

NOTE: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-007
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-200-S

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: C-8900417-008
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-200-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 20600 | ND | 1000 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-008
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-200-1'

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 9013104801
 Received: 01/13/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/06/89, 1000
 Method: Grab

I.D.: 8-202

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 380000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <250000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <250000 | ng/wipe |

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Enseco

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 9013104802
Received: 01/13/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/06/89, 1010
Method: Grab

I.D.: 8-203

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

====METHOD=====

==RESULT== ==UNIT==
Analyzed 1/25/89

Aroclor - 1016
Aroclor - 1221
Aroclor - 1232
Aroclor - 1242
Aroclor - 1248
Aroclor - 1254
Aroclor - 1260

EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080
EPA 608/8080

ND <250000 ng/wipe
ND <250000 ng/wipe
ND <250000 ng/wipe
ND <250000 ng/wipe
2200000 ng/wipe
ND <250000 ng/wipe
ND <250000 ng/wipe

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 9013104803
 Received: 01/13/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/06/89, 1015
 Method: Grab

I.D.: 8-204

=====CONSTITUENT=====

-EPA 608/8080 (PCBs only)-

=====METHOD=====

==RESULT== ==UNIT==

Analyzed 1/25/89

Aroclor - 1016
 Aroclor - 1221
 Aroclor - 1232
 Aroclor - 1242
 Aroclor - 1248
 Aroclor - 1254
 Aroclor - 1260

EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080

ND <250000 ng/wipe
 ND <250000 ng/wipe
 ND <250000 ng/wipe
 ND <250000 ng/wipe
 4200000 ng/wipe
 ND <250000 ng/wipe
 ND <250000 ng/wipe

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
714/666/1120

Project- ITT Building 8
Project # 87-07-0006

Sample #: 9013104804
Received: 01/13/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/06/89, 1020
Method: Grab

I.D.: 8-205

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 270000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 9013104805
 Received: 01/13/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/06/89, 1030
 Method: Grab

I.D.: 8-206

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1221 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1232 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1242 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1248 | EPA 608/8080 | 210000 | ng/wipe |
| Aroclor - 1254 | EPA 608/8080 | ND <25000 | ng/wipe |
| Aroclor - 1260 | EPA 608/8080 | ND <25000 | ng/wipe |

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FAX: (805) 648-2755

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 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006

Sample #: 9013104806
 Received: 01/13/89
 Type: Liquid

Collector: Client
 Sampling Date & Time: 01/09/89, 1100
 Method: Grab

I.D.: 8-207

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ==UNIT== |
|----------------------------|-----------------|------------|----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/31/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.005 | mg/L |
| Aroclor - 1221 | EPA 608/8080 | ND <0.005 | mg/L |
| Aroclor - 1232 | EPA 608/8080 | ND <0.005 | mg/L |
| Aroclor - 1242 | EPA 608/8080 | ND <0.005 | mg/L |
| Aroclor - 1248 | EPA 608/8080 | 0.039 | mg/L |
| Aroclor - 1254 | EPA 608/8080 | ND <0.005 | mg/L |
| Aroclor - 1260 | EPA 608/8080 | ND <0.005 | mg/L |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-008
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 13-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-200-1'

Date Extracted: 07-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 50 |
| Aroclor-1221 | ND | ND | 50 |
| Aroclor-1232 | ND | ND | 50 |
| Aroclor-1242 | ND | ND | 50 |
| Aroclor-1248 | 210 | ND | 50 |
| Aroclor-1254 | ND | ND | 50 |
| Aroclor-1260 | ND | ND | 50 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-009
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 13-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-201-S

Date Extracted: 07-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 1. |
| Aroclor-1221 | ND | ND | 1. |
| Aroclor-1232 | ND | ND | 1. |
| Aroclor-1242 | ND | ND | 1. |
| Aroclor-1248 | 2. | ND | 1. |
| Aroclor-1254 | ND | ND | 1. |
| Aroclor-1260 | ND | ND | 1. |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-009
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-201-S

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8900417-010
Date Sampled: 3-JAN-1989
Date Sample Rec'd: 4-JAN-1989
Date Analyzed: 16-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
Sample ID: 8-201-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 20. | ND | 1 |

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CRL Environmental - South Coast

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8900417-010
 Date Sampled: 3-JAN-1989
 Date Sample Rec'd: 4-JAN-1989
 Date Analyzed: 11-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. 87-07-0006
 Sample ID: 8-201-1'

Halogenated Volatile Organics (EPA 8010)

Units: ug/kg

| Analysis | Result | Blank | Detection Limit |
|---------------------------|--------|-------|-----------------|
| Chloromethane | ND | ND | 50 |
| Bromomethane | ND | ND | 50 |
| Vinyl Chloride | ND | ND | 50 |
| Chloroethane | ND | ND | 50 |
| Methylene Chloride | ND | ND | 50 |
| Trichlorofluoromethane | ND | ND | 50 |
| 1,1-Dichloroethene | ND | ND | 50 |
| 1,1-Dichloroethane | ND | ND | 50 |
| trans-1,2-Dichloroethene | ND | ND | 50 |
| Chloroform | ND | ND | 50 |
| 1,2-Dichloroethane | ND | ND | 50 |
| 1,1,1-Trichloroethane | ND | ND | 50 |
| Carbon Tetrachloride | ND | ND | 50 |
| Bromodichloromethane | ND | ND | 50 |
| 1,2-Dichlorobenzene | ND | ND | 50 |
| 1,2-Dichloropropane | ND | ND | 50 |
| trans-1,3-Dichloropropene | ND | ND | 50 |
| Trichloroethene | ND | ND | 50 |
| Dibromochloromethane | ND | ND | 50 |
| 1,1,2-Trichloroethane | ND | ND | 50 |
| cis-1,3-Dichloropropene | ND | ND | 50 |
| 2-Chloroethylvinyl ether | ND | ND | 50 |
| Bromoform | ND | ND | 50 |
| Tetrachloroethene | ND | ND | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ND | 50 |
| Chlorobenzene | ND | ND | 50 |
| 1,3-Dichlorobenzene | ND | ND | 50 |
| 1,4-Dichlorobenzene | ND | ND | 50 |

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FAX: (714) 891-5917

LABORATORY REPORT

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: G-8900417-001/010
ANALYSES: Miscellaneous
DATE SAMPLED: 03-Jan-1989
DATE SAMPLE REC'D: 04-Jan-1989
SAMPLE TYPE: Solid
PROJECT: ITT Hazardous Waste Inv.
87-07-0006

QA/QC SUMMARY

| <u>Date</u> | <u>Parameter(method)</u> | <u>Average Spike Recovery%</u> | <u>Acceptable Range%</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range%</u> |
|-------------|--|--|------------------------------|--|------------------------------|
| 07-Jan-89 | Aroclor 1260 (EPA 8080, PCB's) | 74 | 59-115 | 1 | 23 |
| 16-Jan-89 | Total Recoverable Petroleum Hydrocarbons (EPA 418.1) | 98 | 70-117 | 2 | 15 |
| 11-Jan-89 | 1,1-Dichloroethene (EPA 8010) | 91 | 60-120 | 9 | 40 |
| 11-Jan-89 | Trichloroethene (EPA 8010) | 90 | 60-120 | 22 | 40 |
| 11-Jan-89 | Chlorobenzene (EPA 8010) | 77 | 60-120 | 40 | 40 |

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FAX: (714) 891-5917

February 8, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: G-8901112-001/010
ANALYSES: Miscellaneous
DATE SAMPLED: 11-JAN-1989
DATE SAMPLE REC'D: 11-JAN-1989
PROJECT: ITT Hazardous Waste Inv.
(#87-07-0006)

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8901112-001/010 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND() means not detected at the detection limit expressed within the parentheses.

Please note that the following cross references regarding PCB's are as follow:

ENSECO-CRL SAMPLE IDCLIENT'S SAMPLE ID

9012113601-901112-001S
9012113602-901112-002S
9012113603-901112-003S
9012113604-901112-004S
9012113605-901112-005S
9012113606-901112-006S
9012113607-901112-007S
9012113608-901112-008S
9012113609-901112-009S
9012113610-901112-010S

8-208-S
8-208-1'
8-209-S
8-209-1'
8-210-S
8-210-1'
8-211-S
8-211-1'
8-212-S
8-212-1'


REVIEWED
APPROVED

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CRL Environmental - Ventura

2810 Bunsen Avenue • Ventura, CA 93003
 (805) 650-0546 • (800) LAB-1-CRL
 FAX: (805) 648-2755

CRL-Garden Grove
 7440 Lincoln Way
 Garden Grove, CA 92641

01/31/89

Attn: Technical Services
 714/898/2125

Project: A.L.Burke

Sample #: 9012113601
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-001s: 8-208-s

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|-------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/23/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | | 26000 mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <1000 mg/kg | |

Sample #: 9012113602
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-002s: 8-208-1'

| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/24/89 |
|----------------------------|--------------|----------|------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <100 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <100 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <100 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <100 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | | 1900 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <100 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <100 mg/kg |

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CRL Environmental - Ventura

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 FAX: (805) 648-2755

Sample #: 9012113603
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-003s: 8-209-s

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------------|-------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 1/24/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | | 26000 mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <1000 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <1000 mg/kg | |

Sample #: 9012113604
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-004s: 8-209-1'

| -EPA 608/8080 (PCBs only)- | | Analyzed 1/24/89 |
|----------------------------|--------------|------------------|
| Aroclor - 1016 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 82 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.5 mg/kg |

Sample #: 9012113605
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-005s: 8-210-s

-EPA 608/8080 (PCBs only)- Analyzed 1/24/89

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(805) 650-0546 • (800) LAB-1-CRL

FAX: (805) 648-2755

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|-----------------------|----------------|------------|------------|-----------|
| Aroclor - 1016 | EPA 608/8080 | ND | <0.5 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.5 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.5 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.5 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 120 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.5 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.5 mg/kg | |

Sample #: 9012113606

Received: 01/12/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/11/89, ****

Method: Not Specified

I.D.: 901112-006s: 8-210-1'

-EPA 608/8080 (PCBs only)-

Analyzed 1/24/89

| | | | |
|----------------|--------------|------|-------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 0.71 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg |

Sample #: 9012113607

Received: 01/12/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/11/89, ****

Method: Not Specified

I.D.: 901112-007s: 8-211-s

-EPA 608/8080 (PCBs only)-

Analyzed 1/24/89

| | | | |
|----------------|--------------|-------|-------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 61000 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <1000 mg/kg |

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CRL Environmental - Ventura

2810 Bunsen Avenue • Ventura, CA 93003
 (805) 650-0546 • (800) LAB-1-CRL
 FAX: (805) 648-2755

=====CONSTITUENT===== =====METHOD===== ==RESULT== ===UNIT=== ===MDL===
 Aroclor - 1260 EPA 608/8080 ND <1000 mg/kg

Sample #: 9012113608
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-008s: 8-211-1'

-EPA 608/8080 (PCBs only)-

Analyzed 1/24/89

| | | |
|----------------|--------------|----------------|
| Aroclor - 1016 | EPA 608/8080 | ND <1000 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <1000 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <1000 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <1000 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 46000 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <1000 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <1000 mg/kg |

Sample #: 9012113609
 Received: 01/12/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/11/89, ****
 Method: Not Specified

I.D.: 901112-009s: 8-212-s

-EPA 608/8080 (PCBs only)-

Analyzed 1/24/89

| | | |
|----------------|--------------|---------------|
| Aroclor - 1016 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 71 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.5 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.5 mg/kg |

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CRL Environmental - Ventura

2810 Bunsen Avenue • Ventura, CA 93003

(805) 650-0546 • (800) LAB-1-CRL

FAX: (805) 648-2755

Sample #: 9012113610

Received: 01/12/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/11/89, ****

Method: Not Specified

I.D.: 901112-010s: 8-212-1'

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|------------------|------------|-------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/24/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 5.4 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg | |


Reviewed
Approved

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Enseco - CRL / South Coast

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-001/010
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV.(87-07-0006)

QA/QC Summary

| Date | Parameter (Method) | Average Matrix Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|-------------|--------------------|--|---------------------|-----------------------------------|---------------------|
| 17-JAN-1989 | TPH (EPA 418.1) | 100 | 70-117 | 3. | 15 |

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FAX: (714) 891-5917

February 8, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: G-8901112-001/010
ANALYSES: Miscellaneous
DATE SAMPLED: 11-JAN-1989
DATE SAMPLE REC'D: 11-JAN-1989
PROJECT: ITT Hazardous Waste Inv.
(#87-07-0006)

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8901112-001/010 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND() means not detected at the detection limit expressed within the parentheses.

Please note that the following cross references regarding PCB's are as follow:

ENSECO-CRL SAMPLE ID

9012113601-901112-001S
9012113602-901112-002S
9012113603-901112-003S
9012113604-901112-004S
9012113605-901112-005S
9012113606-901112-006S
9012113607-901112-007S
9012113608-901112-008S
9012113609-901112-009S
9012113610-901112-010S

CLIENT'S SAMPLE ID

8-208-S
8-208-1'
8-209-S
8-209-1'
8-210-S
8-210-1'
8-211-S
8-211-1'
8-212-S
8-212-1'


REVIEWED
APPROVED

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FAX: (714) 891-5917

Laboratory Report

A. L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-001
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Date Analyzed: 17-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
Sample ID: 8-208-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 4500. | ND | 100 |

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7440 Lincoln Way • Garden Grove, CA 92641
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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901112-002
 Date Sampled: 11-JAN-1989
 Date Sample Rec'd: 11-JAN-1989
 Date Analyzed: 17-JAN-1989
 Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
 Sample ID: 8-208-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 220. | ND | 7 |

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901112-003
 Date Sampled: 11-JAN-1989
 Date Sample Rec'd: 11-JAN-1989
 Date Analyzed: 17-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
 Sample ID: 8-209-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 1700. | ND | 50 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-004
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Date Analyzed: 17-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
Sample ID: 8-209-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 16 | ND | 1 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-005
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Date Analyzed: 17-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
Sample ID: 8-210-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 2100 | ND | 100 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-006
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Date Analyzed: 17-JAN-1989
Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
Sample ID: 8-210-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 220. | ND | 10 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901112-007
Date Sampled: 11-JAN-1989
Date Sample Rec'd: 11-JAN-1989
Date Analyzed: 17-JAN-1989
Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV.(87-07-0006)
Sample ID: 8-211-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 4300 | ND | 125 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901112-008
 Date Sampled: 11-JAN-1989
 Date Sample Rec'd: 11-JAN-1989
 Date Analyzed: 17-JAN-1989
 Sample Type: **SOLID**

Project: ITT HAZARDOUS WASTE INV.(87-07-0006)
 Sample ID: 8-211-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 2,500 | ND | 50 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901112-009
 Date Sampled: 11-JAN-1989
 Date Sample Rec'd: 11-JAN-1989
 Date Analyzed: 17-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV. (87-07-0006)
 Sample ID: 8-212-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|---------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 1,600.7 | ND | 109 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901112-010
 Date Sampled: 11-JAN-1989
 Date Sample Rec'd: 11-JAN-1989
 Date Analyzed: 17-JAN-1989
 Sample Type: SOLID

Project: ITT HAZARDOUS WASTE INV.(87-07-0006)
 Sample ID: 8-212-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 64.1 | ND | 3 |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105801
Received: 02/16/89
Type: Soil

Collector: G.Husson
Sampling Date & Time: 01/11/89, 0907
Method: Hand Auger

I.D.: 8-208-2' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/24/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 800 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <10 | mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105802
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0910
 Method: Hand Auger

I.D.: 8-208-3' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 300 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <10 mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105803
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0912
 Method: Hand Auger

I.D.: 8-208-4' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 500 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <10 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <10 | mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105804
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0915
 Method: Hand Auger

I.D.: 8-208-5' Bldg 8 Subsurf. samp. 6

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <100 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <100 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <100 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <100 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 760 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <100 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <100 | mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105805
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0930
 Method: Hand Auger

I.D.: 8-209-2' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 32 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.5 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.5 | mg/kg |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105806
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 0932
Method: Hand Auger

I.D.: 8-209-3' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/24/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 200 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <5 | mg/kg |

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 FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105807
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0935
 Method: Hand Auger

I.D.: 8-209-4' Bldg 8 Subsurf. samp

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 160 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <5 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <5 | mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105808
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 0940
 Method: Hand Auger

I.D.: 8-209-5' Bldg 8 Subsurf. samp. 7

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 220 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <10 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <10 mg/kg |

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Page: 8 (cont.)

[ND = None Detected; (G) = Grab; MDL = Minimum Detection Limit]

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105809
Received: 02/16/89
Type: Soil ;

Collector: J. Drew
Sampling Date & Time: 01/11/89, 0947
Method: Hand Auger

I.D.: 8-210-2' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 1.2 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 | mg/kg |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105810
Received: 02/16/89
Type: Soil }

Collector: J. Drew
Sampling Date & Time: 01/11/89, 0950
Method: Hand Auger

I.D.: 8-210-3' Bldg 8 Subsurf. samp;

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 1.1 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 | mg/kg |

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FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105811
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 0953
Method: Hand Auger

I.D.: 8-210-4' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 1.6 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.1 mg/kg |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105812
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 0957
Method: Hand Auger

I.D.: 8-210-5' Bldg 8 Subsurf. samp?

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 3.2 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.1 mg/kg |

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CRL Environmental - Ventura

2810 Bunsen Avenue • Ventura, CA 93003

(805) 650-0546 • (800) LAB-1-CRL

FAX: (805) 648-2755

A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105813
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 1005
 Method: Hand Auger

I.D.: 8-211-2' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/25/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 14000 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <500 mg/kg |

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105814
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 1007
 Method: Hand Auger

I.D.: 8-211-3' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <50 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <50 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <50 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <50 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 15000 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <50 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <50 mg/kg |

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1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105815
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 1010
Method: Hand Auger

I.D.: 8-211-4' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ==UNIT== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/25/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 13000 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <500 mg/kg |

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1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105816
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 1015
Method: Hand Auger

I.D.: 8-211-5' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/24/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 16000 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <500 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <500 mg/kg |

12 days

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 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
 714/666/1120

Project: ITT Haz. Waste Inv.
 Project No. 87-07-0006

Sample #: 9047105817
 Received: 02/16/89
 Type: Soil

Collector: J. Drew
 Sampling Date & Time: 01/11/89, 1023
 Method: Hand Auger

I.D.: 8-212-2' Bldg 8 Subsurf. samp.

=====CONSTITUENT=====

====METHOD=====

==RESULT== ^{14 days} ==UNIT==

-EPA 608/8080 (PCBs only)-

Analyzed 2/25/89

Aroclor - 1016
 Aroclor - 1221
 Aroclor - 1232
 Aroclor - 1242
 Aroclor - 1248
 Aroclor - 1254
 Aroclor - 1260

EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080
 EPA 608/8080

ND <0.05 mg/kg
 ND <0.05 mg/kg
 ND <0.05 mg/kg
 ND <0.05 mg/kg
 5.6 mg/kg
 ND <0.05 mg/kg
 ND <0.05 mg/kg

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105818
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 1025
Method: Hand Auger

I.D.: 8-212-3' Bldg 8 Subsurf. samp.

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/25/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 3.4 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 | mg/kg |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120

Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105819
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 1030
Method: Hand Auger

I.D.: 8-212-4' Bldg 8 Subsurf. samp./

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/27/89 |
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 1.0 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 | mg/kg |

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/28/89

Attn: Anne Burke
714/666/1120


Project: ITT Haz. Waste Inv.
Project No. 87-07-0006

Sample #: 9047105820
Received: 02/16/89
Type: Soil

Collector: J. Drew
Sampling Date & Time: 01/11/89, 1035
Method: Hand Auger

I.D.: 8-212-5' Bldg 8 Subsurf. samp?

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== |
|----------------------------|-----------------|------------|-------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/27/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 0.75 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg |


Reviewed


Approved

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/01/89

Attn: Anne Burke
 714/666/1120

Project- ITT Building 8
 Project # 87-07-0006


Sample #: 9013104807
 Received: 01/13/89
 Type: Oil


Collector: Client
 Sampling Date & Time: 01/12/89, 0845
 Method: Grab

I.D.: 8-213

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ==UNIT== |
|----------------------------|-----------------|------------|-------------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 1/18/89 |
| Aroclor - 1016 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | ND | <1000 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | 11000 | mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <1000 mg/kg |
| | EPA 608/8080 | ND | <1000 mg/kg |

* Oil phase analyzed


 Reviewed


 Approved

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Enseco - CRL / South Coast

7440 Lincoln Way • Garden Grove, CA 92641
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FAX: (714) 891-5917

April 27, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: G-8910824-001/010
ANALYSES: Miscellaneous
DATE SAMPLED: 13-Jan-1989, 28-Feb-1989
DATE RELOGGED: 18-Apr-1989
PROJECT: 87-07-0006
ITT Hazardous Waste Inv.

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8910824-001/010 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Solid samples are reported on an "as received" basis.

Please note that ND() means not detected at the detection limit expressed within the parentheses.

Please note the following cross reference regarding EPA Method 8080 (PCb's) analyses:

Enseco-CRL Sample Identification

N042089-3/12-910824-001S
N042089-3/12-910824-002S
N042089-3/12-910824-003S
N042089-3/12-910824-004S
N042089-3/12-910824-005S
N042089-3/12-910824-006S
N042089-3/12-910824-007S
N042089-3/12-910824-008S
N042089-3/12-910824-009S
N042089-3/12-910824-010S

Client's Sample Identification

8-214-4
8-214-5
8-215-4
8-215-5
8-217-4
8-217-5
8-218-4
8-218-5
8-208-10'
8-211-8'


REVIEWED


APPROVED

Enseco - CRL / South Coast

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8910824-001/002
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 24-APR-1989
Date Relogged: 18-APR-1989
Sample Type: SOLID

Project: ITT HAZ. WASTE INV. (#87-07-0006)

| Sample ID | TPH Recoverable mg/kg EPA 418.1 |
|-----------|--|
| 8-214-4 | 1,500. |
| 8-214-5 | 2,300. |
| Blank | ND(1.0) |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8910824-001/010
Date Sampled: 13-JAN-1989
28-FEB-1989
Date Sample Rec'd: 17-JAN-1989
Date Relogged: 18-APR-1989
Sample Type: SOLID

Project: ITT HAZ. WASTE INV. (#87-07-0006)

QA/QC Summary

| Date | Parameter (Method) | Average Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|-------------|--------------------------------|------------------------------|---------------------|-----------------------------------|---------------------|
| 24-APR-1989 | TPH RECOVERABLE (EPA 418.1) | 109 | 70-117 | 7. | 15 |

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FAX: (714) 891-5917

Enseco-CRL

7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds

BATCH: N685
ANALYSES: PCB's

PROJECT: A.L. Burke

Enclosed with this letter is the report on the analyses performed on samples N042089-3/12.

The sample extracts were received by CRL intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Extract

QA/QC Summary

| <u>Date</u> | <u>Parameter (Method)</u> | <u>Average Spike Recovery</u> | <u>Acceptable Range</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range</u> |
|-------------|----------------------------|-------------------------------|-------------------------|------------------------------------|-------------------------|
| 04/21 | Aroclor-1260 (EPA 8080) | 86. | 59-115 | 6 | 23 |

Walter R. Jones

REVIEWED AND APPROVED

4-24-85

DATE

53

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 FAX: (714) 891-5917

**LABORATORY
REPORT**

| | |
|--|--|
| TO: Enseco-CRL 7440 Lincoln Way Garden Grove, CA 92641 ATTN: Mr. Kevin Dodds PROJECT: A.L. Burke | ANALYSIS NO.: N042089-3/12 DATE SAMPLED: 1/13-2/28/89 DATE REC'D: 04/20/89 BATCH: N685 MATRIX: <u>Extract</u> |
|--|--|

Sample Identification: 910824-001S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 12. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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 FAX: (714) 891-5917

**LABORATORY
REPORT**

TO:
 Enseco-CRL
 7440 Lincoln Way
 Garden Grove, CA 92641
 ATTN: Mr. Kevin Dodds
PROJECT:
 A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-002S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 23. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.



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 FAX: (714) 891-5917

**LABORATORY
REPORT**

| | |
|--|---|
| TO: Enseco-CRL 7440 Lincoln Way Garden Grove, CA 92641 ATTN: Mr. Kevin Dodds PROJECT: A.L. Burke | ANALYSIS NO.: N042089-3/12 DATE SAMPLED: 1/13-2/28/89 DATE REC'D: 04/20/89 BATCH: N685 MATRIX: Extract |
|--|---|

Sample Identification: 910824-003S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 3. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.

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FAX: (714) 891-5917

**LABORATORY
REPORT**

TO:
Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-004S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 2. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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 FAX: (714) 891-5917

**LABORATORY
REPORT**

TO:
 Enseco-CRL
 7440 Lincoln Way
 Garden Grove, CA 92641
 ATTN: Mr. Kevin Dodds
PROJECT:
 A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-005S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 13. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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**LABORATORY
REPORT**

| | |
|--|---|
| TO: Enseco-CRL 7440 Lincoln Way Garden Grove, CA 92641 ATTN: Mr. Kevin Dodds PROJECT: A.L. Burke | ANALYSIS NO.: N042089-3/12 DATE SAMPLED: 1/13-2/28/89 DATE REC'D: 04/20/89 BATCH: N685 MATRIX: Extract |
|--|---|

Sample Identification: 910824-006S

Units: mg/kg

Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 15. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.

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**LABORATORY
REPORT**

TO:
Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-007S

Units: mg/kg

Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 32. |
| Aroclor-1221 | ND | ND | 32. |
| Aroclor-1232 | ND | ND | 32. |
| Aroclor-1242 | ND | ND | 32. |
| Aroclor-1248 | 400. | ND | 32. |
| Aroclor-1254 | ND | ND | 32. |
| Aroclor-1260 | ND | ND | 32. |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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**LABORATORY
REPORT**

TO:
Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-008S
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 8. |
| Aroclor-1221 | ND | ND | 8. |
| Aroclor-1232 | ND | ND | 8. |
| Aroclor-1242 | ND | ND | 8. |
| Aroclor-1248 | 140. | ND | 8. |
| Aroclor-1254 | ND | ND | 8. |
| Aroclor-1260 | ND | ND | 8. |

Note: Higher detection limits due to sample matrix

***ND - not detected at the detection limit expressed within the parentheses.**

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**LABORATORY
REPORT**

| | |
|--|---|
| TO: Enseco-CRL 7440 Lincoln Way Garden Grove, CA 92641 ATTN: Mr. Kevin Dodds PROJECT: A.L. Burke | ANALYSIS NO.: N042089-3/12 DATE SAMPLED: 1/13-2/28/89 DATE REC'D: 04/20/89 BATCH: N685 MATRIX: Extract |
|--|---|

Sample Identification: 910824-0095
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 8. |
| Aroclor-1221 | ND | ND | 8. |
| Aroclor-1232 | ND | ND | 8. |
| Aroclor-1242 | ND | ND | 8. |
| Aroclor-1248 | 300. | ND | 8. |
| Aroclor-1254 | ND | ND | 8. |
| Aroclor-1260 | ND | ND | 8. |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 23-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-214-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 60000 | ND | 1639. |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-001
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 26-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
Sample ID: 8-214-S

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 100 |
| Aroclor-1221 | ND | ND | 100 |
| Aroclor-1232 | ND | ND | 100 |
| Aroclor-1242 | ND | ND | 100 |
| Aroclor-1248 | 700. | ND | 100 |
| Aroclor-1254 | ND | ND | 100 |
| Aroclor-1260 | ND | ND | 100 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-002
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 23-JAN-1989
 Sample Type: **SOLID**

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
 Sample ID: 8-214-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 15000 | ND | 725. |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-002
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 27-JAN-1989
 Sample Type: **SOLID**

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
 Sample ID: 8-214-1'

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 50 |
| Aroclor-1221 | ND | ND | 50 |
| Aroclor-1232 | ND | ND | 50 |
| Aroclor-1242 | ND | ND | 50 |
| Aroclor-1248 | 96. | ND | 50 |
| Aroclor-1254 | ND | ND | 50 |
| Aroclor-1260 | ND | ND | 50 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-003
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 23-JAN-1989
 Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
 Sample ID: 8-215-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 7500. | ND | 347. |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-003
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 30-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-215-S Date Extracted: 18-Jan-1989

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 2000 |
| Aroclor-1221 | ND | ND | 2000 |
| Aroclor-1232 | ND | ND | 2000 |
| Aroclor-1242 | ND | ND | 2000 |
| Aroclor-1248 | 15000. | ND | 2000 |
| Aroclor-1254 | ND | ND | 2000 |
| Aroclor-1260 | ND | ND | 2000 |

Note: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-004
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 23-JAN-1989
19-JAN-1989

Sample Type: **SOLID**

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-215-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 26.7 | ND | 1 |
| pH (EPA 9045) | units | 6.42 | N/A | N/A |

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-004
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 26-JAN-1989
 Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
 Sample ID: 8-215-1'

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 25 |
| Aroclor-1221 | ND | ND | 25 |
| Aroclor-1232 | ND | ND | 25 |
| Aroclor-1242 | ND | ND | 25 |
| Aroclor-1248 | 30. | ND | 25 |
| Aroclor-1254 | ND | ND | 25 |
| Aroclor-1260 | ND | ND | 25 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-005
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 23-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-216-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 240 | ND | 14 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-005
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 26-JAN-1989
 Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
 Sample ID: 8-216-S

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 50 |
| Aroclor-1221 | ND | ND | 50 |
| Aroclor-1232 | ND | ND | 50 |
| Aroclor-1242 | ND | ND | 50 |
| Aroclor-1248 | 97. | ND | 50 |
| Aroclor-1254 | ND | ND | 50 |
| Aroclor-1260 | ND | ND | 50 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-006
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 23-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-216-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 5.9 | ND | 1 |

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-006
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 26-JAN-1989
 Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
 Sample ID: 8-216-1'

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 1 |
| Aroclor-1221 | ND | ND | 1 |
| Aroclor-1232 | ND | ND | 1 |
| Aroclor-1242 | ND | ND | 1 |
| Aroclor-1248 | 2. | ND | 1 |
| Aroclor-1254 | ND | ND | 1 |
| Aroclor-1260 | ND | ND | 1 |

Note: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-007
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 23-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
Sample ID: 8-217-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 7000.7 | ND | 352 |

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-007
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: **SOLID**

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
Sample ID: 8-217-S

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 5000 |
| Aroclor-1221 | ND | ND | 5000 |
| Aroclor-1232 | ND | ND | 5000 |
| Aroclor-1242 | ND | ND | 5000 |
| Aroclor-1248 | 19000. | ND | 5000 |
| Aroclor-1254 | ND | ND | 5000 |
| Aroclor-1260 | ND | ND | 5000 |

Note: Higher detection limits due to sample matrix.

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-008
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 23-JAN-1989
 19-JAN-1989

Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
 Sample ID: 8-217-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 7.7 | ND | 1 |
| pH (EPA 9045) | units | 6.75 | N/A | N/A |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-008
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
Sample ID: 8-217-1'

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 10 |
| Aroclor-1221 | ND | ND | 10 |
| Aroclor-1232 | ND | ND | 10 |
| Aroclor-1242 | ND | ND | 10 |
| Aroclor-1248 | 12. | ND | 10 |
| Aroclor-1254 | ND | ND | 10 |
| Aroclor-1260 | ND | ND | 10 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-009
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
Sample ID: 8-218-S

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 500 |
| Aroclor-1221 | ND | ND | 500 |
| Aroclor-1232 | ND | ND | 500 |
| Aroclor-1242 | ND | ND | 500 |
| Aroclor-1248 | 5400. | ND | 500 |
| Aroclor-1254 | ND | ND | 500 |
| Aroclor-1260 | ND | ND | 500 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901706-010
Date Sampled: 13-JAN-1989
Date Sample Rec'd: 17-JAN-1989
Date Analyzed: 27-JAN-1989
Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV. Date Extracted: 18-Jan-1989
Sample ID: 8-218-1'

Polychlorinated Biphenols (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 250 |
| Aroclor-1221 | ND | ND | 250 |
| Aroclor-1232 | ND | ND | 250 |
| Aroclor-1242 | ND | ND | 250 |
| Aroclor-1248 | 1200. | ND | 250 |
| Aroclor-1254 | ND | ND | 250 |
| Aroclor-1260 | ND | ND | 250 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-009
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 23-JAN-1989
 Sample Type: **SOLID**

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
 Sample ID: 8-218-S

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 3000 | ND | 98 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8901706-010
 Date Sampled: 13-JAN-1989
 Date Sample Rec'd: 17-JAN-1989
 Date Analyzed: 23-JAN-1989
 Sample Type: SOLID

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.
 Sample ID: 8-218-1'

| Analysis | Units | Result | Blank | Detection Limit |
|-----------------------------|-------|--------|-------|-----------------|
| TPH Recoverable (EPA 418.1) | mg/kg | 170.1 | ND | 3 |

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Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806

ATTN: Ms. Anne Burke

Project: 87-07-0006 ITT HAZARDOUS WASTE INV.

Analysis No.: G-8901706-001/010

Date Sampled: 13-JAN-1989

Date Sample Rec'd: 17-JAN-1989

Sample Type: SOLID

QA/QC Summary

| Date | Parameter (Method) | Average Matrix Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|-------------|-------------------------|--|---------------------|-----------------------------------|---------------------|
| 23-JAN-1989 | TPH (EPA 418.1) | 106 | 70-117 | 1. | 15 |
| 18-JAN-1989 | AROCLOR-1260 (EPA 8080) | 96 | 59-115 | 5. | 23 |

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8901814-014
Date Sampled: 18-JAN-1989
Date Sample Rec'd: 18-JAN-1989
Date Analyzed: 30-JAN-1989
Sample Type: SOLID

Project: ITT HAZ. WASTE INV. (#87-07-0011)
Sample ID: 8-219

Date Extracted: 24-JAN-1989

Polychlorinated Biphenols (EPA 8080)

Units: ug/L

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 15 |
| Aroclor-1221 | ND | ND | 15 |
| Aroclor-1232 | ND | ND | 15 |
| Aroclor-1242 | ND | ND | 15 |
| Aroclor-1248 | 39. | ND | 15 |
| Aroclor-1254 | ND | ND | 15 |
| Aroclor-1260 | ND | ND | 15 |

NOTE: Higher detection limits due to sample matrix.

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A.L. Burke Engineers
 1162 North Kramer Pl.
 Anaheim, CA. 92806
 FAX # (714) 666-8349

02/06/89

Attn: Anne Burke
 714/666/1120

Project- ITT Bldg. #8

Sample #: 9027115701
 Received: 01/27/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/25/89, ****
 Method: Not Specified

I.D.: 8-220-1

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|-----------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/6/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 620 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <10 mg/kg | |

Sample #: 9027115702
 Received: 01/27/89
 Type: Solid

Collector: Client
 Sampling Date & Time: 01/25/89, ****
 Method: Not Specified

I.D.: 8-220-2

| -EPA 608/8080 (PCBs only)- | | Analyzed 2/2/89 |
|----------------------------|--------------|-----------------|
| Aroclor - 1016 | EPA 608/8080 | ND <1 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <1 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <1 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <1 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 31 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <1 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <1 mg/kg |

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FAX: (805) 648-2755

Sample #: 9027124303

Received: 01/27/89

Type: Solid

I.D.: 8-222-1

Collector: Client

Sampling Date & Time: 01/25/89, ****

Method: Not Specified

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | | | |
| Analyzed 2/6/89 | | | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <1 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <1 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <1 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <1 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 6.8 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <1 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <1 mg/kg | |

Sample #: 9027124304

Received: 01/27/89

Type: Solid


I.D.: 8-222-2

Collector: Client

Sampling Date & Time: 01/25/89, ****

Method: Not Specified

| -EPA 608/8080 (PCBs only)- | | Analyzed 2/6/89 |
|----------------------------|--------------|-----------------|
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 0.16 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 mg/kg |


Reviewed
Approved

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FAX: (805) 648-2755

Sample #: 9027115703

Received: 01/27/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/25/89, ****

Method: Not Specified

I.D.: 8-221-1

| =====CONSTITUENT===== | =====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|------------------|-----------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/6/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | | 400 mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <10 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <10 mg/kg | |

Sample #: 9027115704

Received: 01/27/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/25/89, ****

Method: Not Specified

I.D.: 8-221-2

| -EPA 608/8080 (PCBs only)- | | Analyzed 2/2/89 |
|----------------------------|--------------|-----------------|
| Aroclor - 1016 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 0.40 mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND <0.05 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND <0.05 mg/kg |

Sample #: 9027115705

Received: 01/27/89

Type: Solid

Collector: Client

Sampling Date & Time: 01/25/89, ****

Method: Not Specified

I.D.: 8-223-1

-EPA 608/8080 (PCBs only)-

Analyzed 2/2/89

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 FAX: (805) 648-2755

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|-----------------------|-----------------|------------|------------|-----------|
| Aroclor - 1016 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 0.9 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.1 mg/kg | |

Sample #: 9027115706
 Received: 01/27/89
 Type: Solid

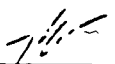
Collector: Client
 Sampling Date & Time: 01/25/89, ****
 Method: Not Specified


I.D.: 8-223-2

-EPA 608/8080 (PCBs only)-

Analyzed 2/2/89

| | | | |
|----------------|--------------|-----|------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 9.6 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.1 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.1 mg/kg |


 Reviewed


 Approved

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/06/89

Attn: Anne Burke
714/666/1120

Project- ITT Bldg. #8

Sample #: 9027124301
Received: 01/27/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/25/89, ****
Method: Not Specified

I.D.: 8-224-1

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/6/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 1.1 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.1 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.1 mg/kg | |

Sample #: 9027124302
Received: 01/27/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/25/89, ****
Method: Not Specified

I.D.: 8-224-2

| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/6/89 |
|----------------------------|--------------|----------|-------------|
| Aroclor - 1016 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1221 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1232 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1242 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1248 | EPA 608/8080 | 0.12 | mg/kg |
| Aroclor - 1254 | EPA 608/8080 | ND | <0.05 mg/kg |
| Aroclor - 1260 | EPA 608/8080 | ND | <0.05 mg/kg |

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**LABORATORY
REPORT**

TO:
 Enseco-CRL
 7440 Lincoln Way
 Garden Grove, CA 92641
 ATTN: Mr. Kevin Dodds
PROJECT:
 A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 910824-0105
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 0.8 |
| Aroclor-1221 | ND | ND | 0.8 |
| Aroclor-1232 | ND | ND | 0.8 |
| Aroclor-1242 | ND | ND | 0.8 |
| Aroclor-1248 | 6. | ND | 0.8 |
| Aroclor-1254 | ND | ND | 0.8 |
| Aroclor-1260 | ND | ND | 0.8 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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**LABORATORY
REPORT**

TO:
Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: MSD-03
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 5. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.

66

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CRL Environmental - Mobile Laboratories

7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

**LABORATORY
REPORT**

TO:
Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.: N042089-3/12
DATE SAMPLED: 1/13-2/28/89
DATE REC'D: 04/20/89
BATCH: N685
MATRIX: Extract

Sample Identification: 0419A-RB
Units: mg/kg
Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 0.008 |
| Aroclor-1221 | ND | ND | 0.008 |
| Aroclor-1232 | ND | ND | 0.008 |
| Aroclor-1242 | ND | ND | 0.008 |
| Aroclor-1248 | ND | ND | 0.008 |
| Aroclor-1254 | ND | ND | 0.008 |
| Aroclor-1260 | ND | ND | 0.008 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/20/89

Attn: Anne Burke
714/666/1120

Project- ITT Building #8

Sample #: 9033094201
Received: 02/02/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/30/89, ****
Method: Grab

I.D.: 8-225

| =====CONSTITUENT===== | ====METHOD==== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|----------------|------------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed 2/16/89 | | |
| Aroclor - 1016 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | 1100 | mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <100 mg/kg | |

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CRL Environmental - Ventura

2310 Bunsen Avenue • Ventura, CA 93003
(805) 650-0546 • (800) LAB-1-CRL
FAX: (805) 648-2755

A.L. Burke Engineers
1162 North Kramer Pl.
Anaheim, CA. 92806
FAX # (714) 666-8349

02/20/89

Attn: Anne Burke
714/666/1120


Project- ITT Building #8


Sample #: 9033094202
Received: 02/02/89
Type: Solid

Collector: Client
Sampling Date & Time: 01/30/89, ****
Method: Grab

I.D.: 8-226

| =====CONSTITUENT===== | ====METHOD===== | ==RESULT== | ===UNIT=== | ===MDL=== |
|----------------------------|-----------------|------------|------------|-----------|
| -EPA 608/8080 (PCBs only)- | | Analyzed | 2/16/89 | |
| Aroclor - 1016 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1221 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1232 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1242 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1248 | EPA 608/8080 | | 2000 mg/kg | |
| Aroclor - 1254 | EPA 608/8080 | ND | <100 mg/kg | |
| Aroclor - 1260 | EPA 608/8080 | ND | <100 mg/kg | |


Reviewed


Approved

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Enseco - CRL / South Coast

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(714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
FAX: (714) 891-5917

February 22, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

ANALYSIS NO.: G-8904110-001/002
ANALYSES: EPA Method 608
DATE SAMPLED: 9-FEB-1989
DATE SAMPLE REC'D: 10-FEB-1989
PROJECT: ITT Bldg. 8

Enclosed with this letter is the report on the chemical and physical analyses on the samples from ANALYSIS NO: G-8904110-001/002 shown above.

The samples were received by CRL in a chilled state, intact, and with the chain-of-custody record attached.

Please note that ND() means not detected at the detection limit expressed within the parentheses.


REVIEWED


APPROVED

The Report Cover Letter is an integral part of this report.

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8904110-001
 Date Sampled: 9-FEB-1989
 Date Sample Rec'd: 10-FEB-1989
 Date Analyzed: 17-FEB-1989
 Date Extracted: 10-FEB-1989
 Sample Type: LIQUID

Project: ITT BLDG. 8
 Sample ID: 8-227 BAKER TANK #2

Organochlorine Pesticides & PCB'S (EPA 608)

Units: ug/L

| Analysis | Result | Blank | Detection Limit |
|---------------------|--------|-------|-----------------|
| alpha-BHC | ND | ND | 1 |
| beta-BHC | ND | ND | 1 |
| delta-BHC | ND | ND | 1 |
| Lindane | ND | ND | 1 |
| Heptachlor | ND | ND | 1 |
| Aldrin | ND | ND | 1 |
| Heptachlor epoxide | ND | ND | 1 |
| Endosulfan I | ND | ND | 1 |
| Dieldrin | ND | ND | 2 |
| 4,4'-DDE | ND | ND | 2 |
| Endrin | ND | ND | 2 |
| Endosulfan II | ND | ND | 2 |
| 4,4'-DDD | ND | ND | 2 |
| Endrin aldehyde | ND | ND | 2 |
| Endosulfan sulfate | ND | ND | 2 |
| 4,4'-DDT | ND | ND | 2 |
| Methoxychlor | ND | ND | 10 |
| Endrin ketone | ND | ND | 2 |
| Technical Chlordane | ND | ND | 10 |
| Toxaphene | ND | ND | 25 |
| Aroclor-1016 | ND | ND | 10 |
| Aroclor-1221 | ND | ND | 10 |
| Aroclor-1232 | ND | ND | 10 |
| Aroclor-1242 | ND | ND | 10 |
| Aroclor-1248 | ND | ND | 10 |
| Aroclor-1254 | 35. | ND | 10 |
| Aroclor-1260 | ND | ND | 10 |

NOTE: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8904110-002
Date Sampled: 9-FEB-1989
Date Sample Rec'd: 10-FEB-1989
Date Analyzed: 17-FEB-1989
Date Extracted: 10-FEB-1989
Sample Type: LIQUID

Project: ITT BLDG. 8
Sample ID: 8-228 SUMP @ EAST ROOM

Organochlorine Pesticides & PCB'S (EPA 608)

Units: ug/L

| Analysis | Result | Blank | Detection Limit |
|---------------------|--------|-------|-----------------|
| alpha-BHC | ND | ND | 0.3 |
| beta-BHC | ND | ND | 0.3 |
| delta-BHC | ND | ND | 0.3 |
| Lindane | ND | ND | 0.3 |
| Heptachlor | ND | ND | 0.3 |
| Aldrin | ND | ND | 0.3 |
| Heptachlor epoxide | ND | ND | 0.3 |
| Endosulfan I | ND | ND | 0.3 |
| Dieldrin | ND | ND | 0.6 |
| 4,4'-DDE | ND | ND | 0.6 |
| Endrin | ND | ND | 0.6 |
| Endosulfan II | ND | ND | 0.6 |
| 4,4'-DDD | ND | ND | 0.6 |
| Endrin aldehyde | ND | ND | 0.6 |
| Endosulfan sulfate | ND | ND | 0.6 |
| 4,4'-DDT | ND | ND | 0.6 |
| Methoxychlor | ND | ND | 3.0 |
| Endrin ketone | ND | ND | 0.6 |
| Technical Chlordane | ND | ND | 3. |
| Toxaphene | ND | ND | 6. |
| Aroclor-1016 | ND | ND | 3. |
| Aroclor-1221 | ND | ND | 3. |
| Aroclor-1232 | ND | ND | 3. |
| Aroclor-1242 | ND | ND | 3. |
| Aroclor-1248 | 6. | ND | 3. |
| Aroclor-1254 | ND | ND | 3. |
| Aroclor-1260 | ND | ND | 3. |

NOTE: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke
Project: ITT BLDG. 8

Analysis No.: G-8904110-001/002
Date Sampled: 9-FEB-1989
Date Sample Rec'd: 10-FEB-1989
Sample Type: LIQUID

QA/QC Summary

| Date | Parameter (Method) | Average Matrix Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|-------------|----------------------|--|---------------------|-----------------------------------|---------------------|
| 10-FEB-1989 | 4,4'-DDT (EPA 608) | 83 | 38-127 | 2. | 27 |
| 10-FEB-1989 | ALDRIN (EPA 608) | 68 | 40-120 | 2. | 22 |
| 10-FEB-1989 | DIELDRIN (EPA 608) | 74 | 52-126 | 0. | 18 |
| 10-FEB-1989 | ENDRIN (EPA 608) | 83 | 56-121 | 1. | 21 |
| 10-FEB-1989 | HEPTACHLOR (EPA 608) | 67 | 40-131 | 5. | 20 |
| 10-FEB-1989 | LINDANE (EPA 608) | 69 | 56-123 | 2. | 15 |

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**BROWN AND CALDWELL LABORATORIES**1200 EAST PACIFICO AVENUE, ANAHEIM, CA 92805
(714) 978-0113**ANALYTICAL REPORT**

FAX: (714) 978-9284

LOG NO: A89-03-110

Received: 17 MAR 89

Reported: 21 MAR 89

Marol Robinson
A. L. Burke Engineers
1162 N. Kraemer Place
Anaheim, CA 92806

Project: 8707-0006

REPORT OF ANALYTICAL RESULTS

Page 1

| LOG NO | SAMPLE DESCRIPTION, NONAQUEOUS SAMPLES | | | | DATE SAMPLED |
|---------------------------|--|----------|----------|----------|--------------|
| 03-110-1 | 8-230 East Room | | | | 17 MAR 89 |
| 03-110-2 | 8-231 East Room | | | | 17 MAR 89 |
| 03-110-3 | 8-232 East Room | | | | 17 MAR 89 |
| 03-110-4 | 8-233 East Room | | | | 17 MAR 89 |
| PARAMETER | 03-110-1 | 03-110-2 | 03-110-3 | 03-110-4 | |
| Polychlorinated Biphenyls | | | | | |
| Date Extracted | | | | | |
| Date Analyzed | 03/17/89 | 03/17/89 | 03/17/89 | 03/17/89 | |
| Dilution Factor, Times 1 | 03/21/89 | 03/21/89 | 03/21/89 | 03/21/89 | |
| Aroclor 1016, mg/kg | 1000 | 1000 | 100 | 10 | |
| Aroclor 1221, mg/kg | <100 | <100 | <10 | <1 | |
| Aroclor 1232, mg/kg | <100 | <100 | <10 | <1 | |
| Aroclor 1242, mg/kg | <100 | <100 | <10 | <1 | |
| Aroclor 1248, mg/kg | <100 | <100 | <10 | <1 | |
| Aroclor 1254, mg/kg | 1100 | 2300 | 780 | 6.5 | |
| Aroclor 1260, mg/kg | <100 | <100 | <10 | <1 | |
| Aroclor 1262, mg/kg | <100 | <100 | <10 | <1 | |
| Total PCB's, mg/kg | <100 | <100 | <10 | <1 | |
| | 1100 | 2300 | 780 | 6.5 | |

Values preceded by a "<" indicate detection limits for that parameter.

Judith A. Jones, Laboratory Manager

Enseco - CRL / South Coast

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
FAX: (714) 891-5917

412

JFR

April 15, 1989

A.L. BURKE ENGINEERS
1162 North Kraemer Place
Anaheim, CA 92806
ATTN: Ms. Anne Burke

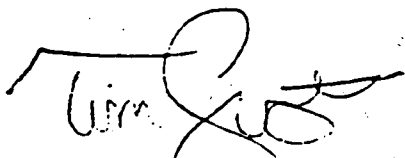
Analysis No: G-8909708-001
Date Sampled: 7-APR-1989
Date Sample Rec'd: 7-APR-1989
Project: ITT/#8707-0006

Enclosed with this letter is the report on the chemical and physical analyses on the sample from ANALYSIS NO: G-8909708-001 shown above.

The sample was received by CRL in a chilled state, intact and with the chain-of-custody record attached.

Please note that ND() means not detected at the detection limit expressed within the parentheses.

Preliminary data was provided on April 14, 1989 at 7:50 A.M. to Ms. Marrol Robinson.


REVIEWED
APPROVED

The Report Cover Letter is an integral part of this report.

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Enseco - CRL / South Coast

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 (714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: MS. ANNE BURKE

Analysis No.: G-8909708-001/001
 Date Sampled: 7-APR-1989
 Date Sample Rec'd: 7-APR-1989
 Date Analyzed: 13-APR-1989
 Sample Type: SLUDGE

Project: ITT (#8707-0006)

| | |
|-----------|-------------|
| Sample ID | TPH |
| | Recoverable |
| | mg/kg |
| | EPA 418.1 |

| | |
|-------------------|-----------|
| 8-234 SLUDGE FROM | 410,000. |
| TRENCH PIPE | |
| Blank | ND(1.000) |

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: MS. ANNE BURKE

Analysis No.: G-8909708-002/002
 Date Sampled: 7-APR-1989
 Date Sample Rec'd: 7-APR-1989
 Date Analyzed: 13-APR-1989
 Sample Type: **SOLID**

Project: ITT (#8707-0006)

| | |
|-----------|-------------|
| Sample ID | TPH |
| | Recoverable |
| | mg/kg |
| | EPA 418.1 |

| | |
|-----------------|-----------|
| 8-235 SOIL FROM | 78,000. |
| TRENCH | |
| Blank | ND(1.000) |

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Enseco - CRL / South Coast

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: MS. ANNE BURKE
 Project: ITT (#8707-0006)

Analysis No.: G-8909708-002/002
 Date Sampled: 7-APR-1989
 Date Sample Rec'd: 7-APR-1989
 Sample Type: SOLID

QA/QC Summary

| Date | Parameter (Method) | Average Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|-------------|-----------------------------|------------------------|------------------|-----------------------------|------------------|
| 13-APR-1989 | TPH RECOVERABLE (EPA 418.1) | 115 | 70-117 | 11. | 15 |

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**BROWN AND CALDWELL LABORATORIES****ANALYTICAL REPORT**

1200 EAST PACIFICO AVENUE, ANAHEIM, CA 92805
(714) 978-0113

FAX: (714) 978-9284

LOG NO: A89-04-033

Received: 07 APR 89

Reported: 10 APR 89

Ms. Marol Robinson
A.L. Burke Engineers, Inc.
1162 North Kraemer Place
Anaheim, California 92806

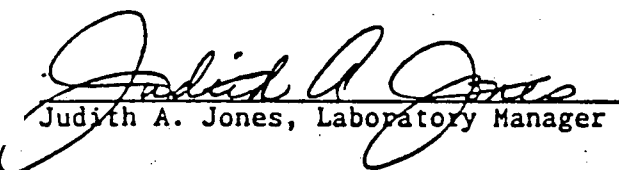
Project: 87-07-0006

REPORT OF ANALYTICAL RESULTS

Page 1

| LOG NO | SAMPLE DESCRIPTION, SOIL SAMPLES | DATE SAMPLED |
|---------------------------|----------------------------------|--------------|
| 04-033-1 | 8-236 Sand Under Dock | 06 APR 89 |
| PARAMETER | | 04-033-1 |
| ----- | | |
| Polychlorinated Biphenyls | | |
| Date Extracted | | 04/07/89 |
| Date Analyzed | | 04/10/89 |
| Dilution Factor, Times 1 | | 1 |
| Aroclor 1016, mg/kg | | <1 |
| Aroclor 1221, mg/kg | | <1 |
| Aroclor 1232, mg/kg | | <1 |
| Aroclor 1242, mg/kg | | <1 |
| Aroclor 1248, mg/kg | | <1 |
| Aroclor 1254, mg/kg | | <1 |
| Aroclor 1260, mg/kg | | <1 |
| Aroclor 1262, mg/kg | | <1 |
| Total PCB's, mg/kg | | <1 |

Values preceded by a "<" indicate detection limits for that parameter.


Judith A. Jones, Laboratory Manager

Enseco - CRL / South Coast

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8905934-001
Date Sampled: 28-FEB-1989
Date Sample Rec'd: 28-FEB-1989
Date Analyzed: 8-MAR-1989
Date Extracted: 2-MAR-1989
Sample Type: SOLID

Project: (87-07-0006)
Sample ID: 8-208-6

Units: mg/kg Polychlorinated Biphenyls (EPA 8080)

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 0.4 |
| Aroclor-1221 | ND | ND | 0.4 |
| Aroclor-1232 | ND | ND | 0.4 |
| Aroclor-1242 | ND | ND | 0.4 |
| Aroclor-1248 | 3. | ND | 0.4 |
| Aroclor-1254 | ND | ND | 0.4 |
| Aroclor-1260 | ND | ND | 0.4 |

Note: Higher detection limits due to sample matrix.

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 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8905934-002
 Date Sampled: 28-FEB-1989
 Date Sample Rec'd: 28-FEB-1989
 Date Analyzed: 8-MAR-1989
 Date Extracted: 2-MAR-1989
 Sample Type: SOLID

Project: (87-07-0006)
 Sample ID: 8-208-7

Polychlorinated Biphenyls (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 8 |
| Aroclor-1221 | ND | ND | 8 |
| Aroclor-1232 | ND | ND | 8 |
| Aroclor-1242 | ND | ND | 8 |
| Aroclor-1248 | 85. | ND | 8 |
| Aroclor-1254 | ND | ND | 8 |
| Aroclor-1260 | ND | ND | 8 |

Note: Higher detection limits due to sample matrix.

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Enseco - CRL / South Coast

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 FAX: (714) 891-5917

Laboratory Report

A. L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8905934-003
 Date Sampled: 28-FEB-1989
 Date Sample Rec'd: 28-FEB-1989
 Date Analyzed: 8-MAR-1989
 Date Extracted: 2-MAR-1989
 Sample Type: SOLID

Project: (87-07-0006)
 Sample ID: 8-209-6

Units: mg/kg Polychlorinated Biphenyls (EPA 8080)

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 0.04 |
| Aroclor-1221 | ND | ND | 0.04 |
| Aroclor-1232 | ND | ND | 0.04 |
| Aroclor-1242 | ND | ND | 0.04 |
| Aroclor-1248 | 0.1 | ND | 0.04 |
| Aroclor-1254 | ND | ND | 0.04 |
| Aroclor-1260 | ND | ND | 0.04 |

Note: Higher detection limits due to sample matrix.

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Enseco - CRL / South Coast

7440 Lincoln Way • Garden Grove, CA 92641
 (714) 898-6370 • (213) 598-0458 • (800) LAB-1-CRL
 FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
 1162 NORTH KRAEMER PLACE
 ANAHEIM, CA 92806
 ATTN: Ms. Anne Burke

Analysis No.: G-8905934-004
 Date Sampled: 28-FEB-1989
 Date Sample Rec'd: 28-FEB-1989
 Date Analyzed: 8-MAR-1989
 Date Extracted: 2-MAR-1989
 Sample Type: SOLID

Project: (87-07-0006)
 Sample ID: 8-209-7

Polychlorinated Biphenyls (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 0.2 |
| Aroclor-1221 | ND | ND | 0.2 |
| Aroclor-1232 | ND | ND | 0.2 |
| Aroclor-1242 | ND | ND | 0.2 |
| Aroclor-1248 | 0.9 | ND | 0.2 |
| Aroclor-1254 | ND | ND | 0.2 |
| Aroclor-1260 | ND | ND | 0.2 |

Note: Higher detection limits due to sample matrix.

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Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8905934-005
Date Sampled: 28-FEB-1989
Date Sample Rec'd: 28-FEB-1989
Date Analyzed: 8-MAR-1989
Date Extracted: 2-MAR-1989
Sample Type: SOLID

Project: (87-07-0006)
Sample ID: 8-211-6

Polychlorinated Biphenyls (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 15 |
| Aroclor-1221 | ND | ND | 15 |
| Aroclor-1232 | ND | ND | 15 |
| Aroclor-1242 | ND | ND | 15 |
| Aroclor-1248 | 900. | ND | 15 |
| Aroclor-1254 | ND | ND | 15 |
| Aroclor-1260 | ND | ND | 15 |

Note: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A.L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke

Analysis No.: G-8905934-006
Date Sampled: 28-FEB-1989
Date Sample Rec'd: 28-FEB-1989
Date Analyzed: 8-MAR-1989
Date Extracted: 2-MAR-1989
Sample Type: SOLID

Project: (87-07-0006)
Sample ID: 8-211-7

Polychlorinated Biphenyls (EPA 8080)

Units: mg/kg

| Analysis | Result | Blank | Detection Limit |
|--------------|--------|-------|-----------------|
| Aroclor-1016 | ND | ND | 8 |
| Aroclor-1221 | ND | ND | 8 |
| Aroclor-1232 | ND | ND | 8 |
| Aroclor-1242 | ND | ND | 8 |
| Aroclor-1248 | 110. | ND | 8 |
| Aroclor-1254 | ND | ND | 8 |
| Aroclor-1260 | ND | ND | 8 |

Note: Higher detection limits due to sample matrix.

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FAX: (714) 891-5917

Laboratory Report

A. L. BURKE ENGINEERS
1162 NORTH KRAEMER PLACE
ANAHEIM, CA 92806
ATTN: Ms. Anne Burke
Project: (87-07-0006)

Analysis No.: G-8905934-001/006
Date Sampled: 28-FEB-1989
Date Sample Rec'd: 28-FEB-1989
Sample Type: SOLID

QA/QC Summary

| Date | Parameter (Method) | Average Matrix Spike Recovery | Acceptable Range | Relative Percent Difference | Acceptable Range |
|------------|-------------------------|--|---------------------|-----------------------------------|---------------------|
| 2-MAR-1989 | AROCLOR-1260 (EPA 8080) | 97 | 59-115 | 4. | 23 |

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FAX: (714) 891-5917

Enseco-CRL

7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds

BATCH: N679
ANALYSES: PCB's

PROJECT: A.L. Burke

Enclosed with this letter is the report on the analyses performed on samples N041289-1/2.

The sample extracts were received by CRL intact and with the chain-of-custody record attached.

Please note that ND means not detected and DL means detection limit.

Stated below are the pertinent quality control data.

Matrix: Extract

QA/QC Summary

| <u>Date</u> | <u>Parameter (Method)</u> | <u>Average Spike Recovery</u> | <u>Acceptable Range</u> | <u>Relative Percent Difference</u> | <u>Acceptable Range</u> |
|-------------|-------------------------------|---------------------------------------|-----------------------------|--|-----------------------------|
| 04/04 | Aroclor-1260 (EPA 8080) | 98. | 59-115 | 2 | 23 |

William Berger
REVIEWED AND APPROVED

4-24-89
DATE

CRL Environmental - Mobile Laboratories

7440 Lincoln Way • Garden Grove, CA 92641
(213) 598-0458 • (714) 898-6370 • (800) LAB-1-CRL
FAX: (714) 891-5917

**LABORATORY
REPORT****TO:**

Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.:

N041289-1/4

DATE SAMPLED:

2/28/89-3/27/30/89

DATE REC'D:

04/12/89

BATCH:

N679

MATRIX:

Extract

Sample Identification: Reagent Blank (04030)

Units: mg/kg

Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Detection Limit</u> |
|------------------|---------------|----------------------------|
| Aroclor-1016 | ND* | 0.008 |
| Aroclor-1221 | ND | 0.008 |
| Aroclor-1232 | ND | 0.008 |
| Aroclor-1242 | ND | 0.008 |
| Aroclor-1248 | ND | 0.008 |
| Aroclor-1254 | ND | 0.008 |
| Aroclor-1260 | ND | 0.008 |

*ND - not detected at the detection limit expressed within the parentheses.

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FAX: (714) 891-5917

**LABORATORY
REPORT****TO:**

Enseco-CRL
7440 Lincoln Way
Garden Grove, CA 92641
ATTN: Mr. Kevin Dodds
PROJECT:
A.L. Burke

ANALYSIS NO.:

N041289-1/4

DATE SAMPLED:

2/28/89-3/27/30/89

DATE REC'D:

04/12/89

BATCH:

N679

MATRIX:

Extract

Sample Identification: 908924-001**Units:** mg/kg**Test:** Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 1.6 |
| Aroclor-1221 | ND | ND | 1.6 |
| Aroclor-1232 | ND | ND | 1.6 |
| Aroclor-1242 | ND | ND | 1.6 |
| Aroclor-1248 | 19. | ND | 1.6 |
| Aroclor-1254 | ND | ND | 1.6 |
| Aroclor-1260 | ND | ND | 1.6 |

Note: Higher detection limits due to sample matrix

*ND - not detected at the detection limit expressed within the parentheses.

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FAX: (714) 891-5917

**LABORATORY
REPORT**

| | |
|--|--|
| TO: Enseco-CRL 7440 Lincoln Way Garden Grove, CA 92641 ATTN: Mr. Kevin Dodds PROJECT: A.L. Burke | ANALYSIS NO.: N041289-1/4 DATE SAMPLED: 2/28/89-3/27/30/89 DATE REC'D: 04/12/89 BATCH: N679 MATRIX: -Extract' |
|--|--|

Sample Identification: 908924-002

Units: mg/kg

Test: Polychlorinated Biphenyls (EPA 8080)

| <u>Parameter</u> | <u>Result</u> | <u>Blank</u> | <u>Detection Limit</u> |
|------------------|---------------|--------------|----------------------------|
| Aroclor-1016 | ND* | ND | 6.4 |
| Aroclor-1221 | ND | ND | 6.4 |
| Aroclor-1232 | ND | ND | 6.4 |
| Aroclor-1242 | ND | ND | 6.4 |
| Aroclor-1248 | 90. | ND | 6.4 |
| Aroclor-1254 | ND | ND | 6.4 |
| Aroclor-1260 | ND | ND | 6.4 |

Note: Higher detection limits due to sample matrix

***ND** - not detected at the detection limit expressed within the parentheses.

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